Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM029010.D
Acq On : 05 Mar 2021 23:46
Operator : CG/JU
Sample : M1552-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 435-416

Quant Time: Mar 06 00:28:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:17:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	12434	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	48917	20.00	ng	# 0.00
39) Acenaphthene-d10	14.345	164	28867	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	58917	20.00	ng	0.00
76) Chrysene-d12	21.268	240	55832	20.00	ng	# 0.00
86) Perylene-d12	23.433	264	55411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	53421	71.21	ng	0.00
7) Phenol-d6	6.869	99	39591	39.96	ng	0.00
23) Nitrobenzene-d5	8.851	82	81035	89.38	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	47082	137.61	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	180673	83.32	ng	0.00
79) Terphenyl-d14	19.721	244	241648	79.92	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.892	94	31938	32.44	ng	94
32) Benzoic acid	9.810	122	1895	3.78	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (LSC Reviewed)

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Operator : CG/JU
Sample : M1552-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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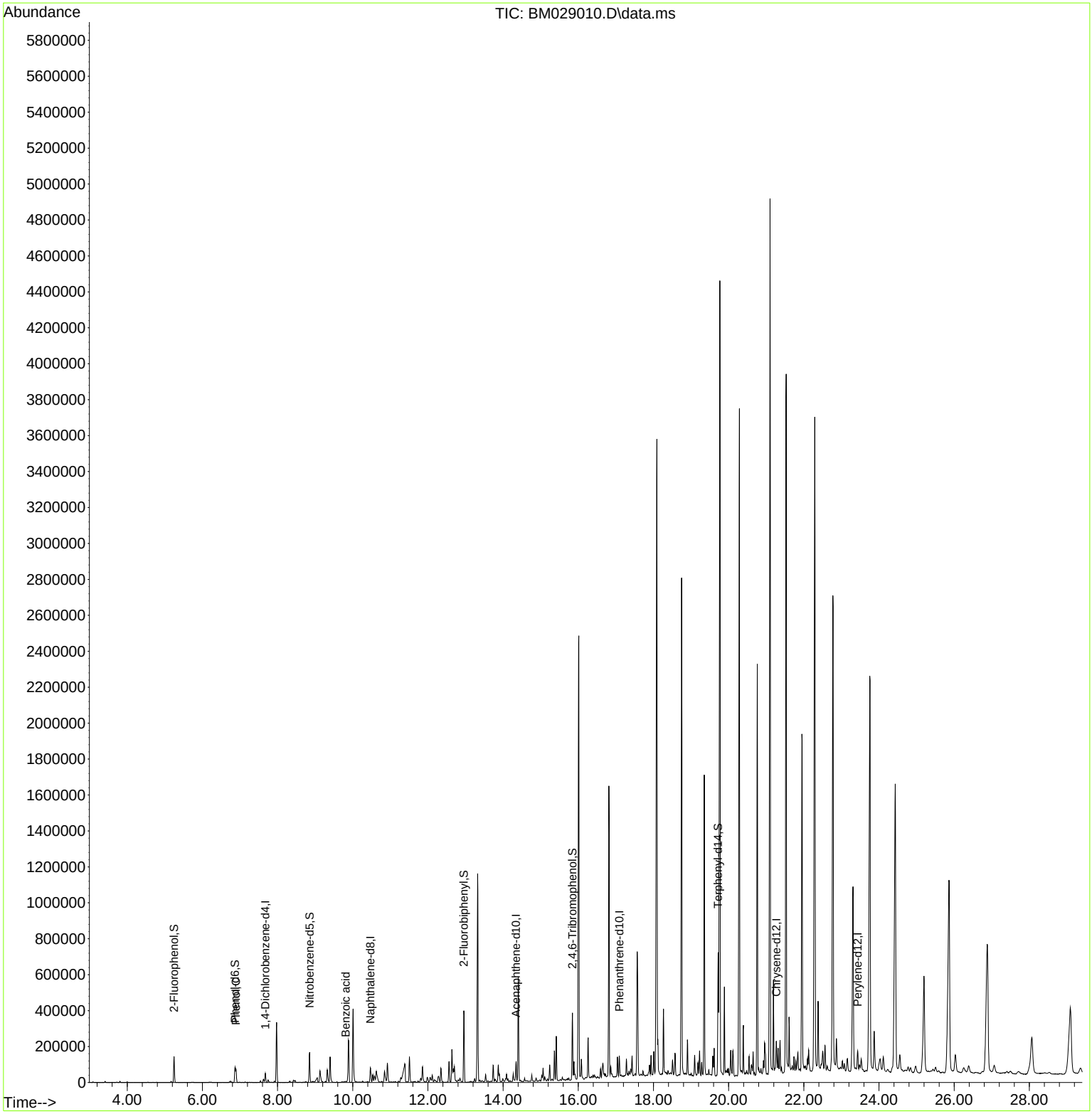
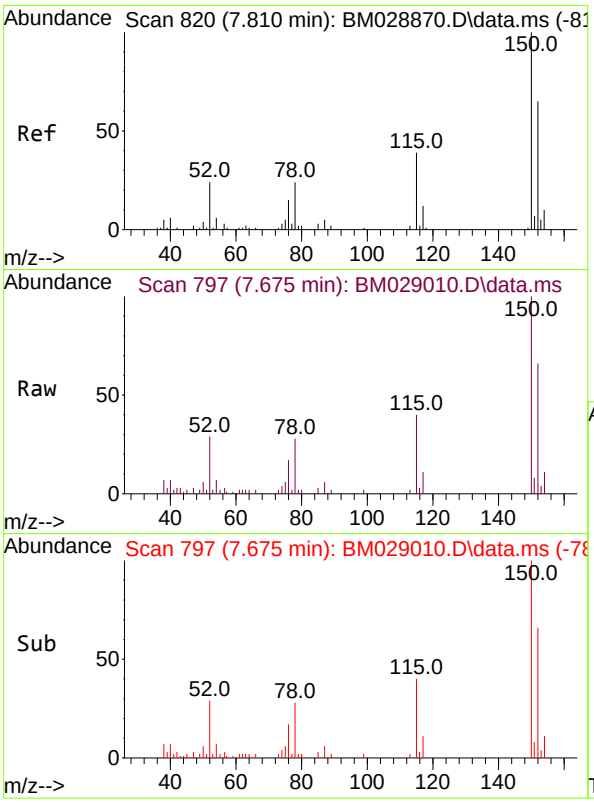


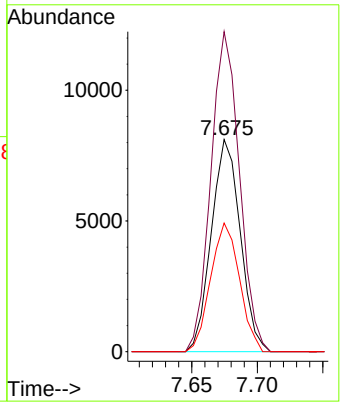
Instrument :
BNA_M
ClientSampleId :
435-416

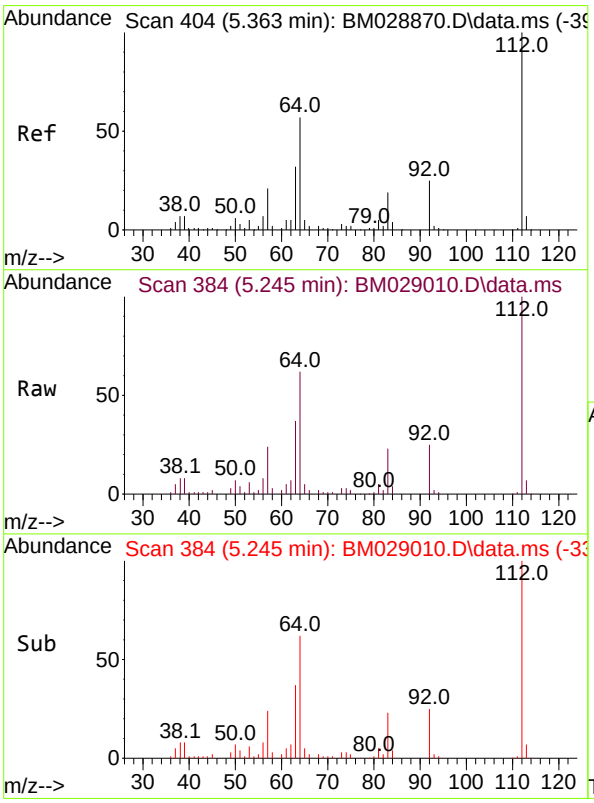


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion:152 Resp: 12434

Ion	Ratio	Lower	Upper
152	100		
150	150.9	120.6	181.0
115	60.7	47.2	70.8

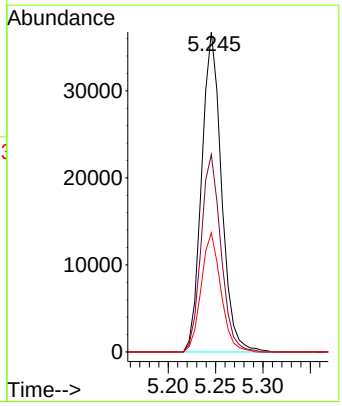




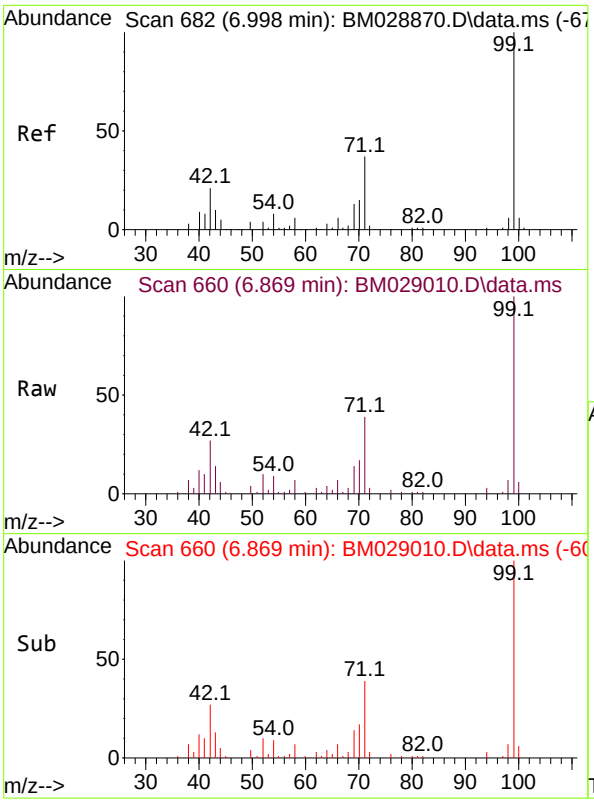
#5
2-Fluorophenol
Concen: 71.21 ng
RT: 5.245 min Scan# 384
Delta R.T. -0.000 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion:112 Resp: 53421

Ion	Ratio	Lower	Upper
112	100		
64	61.7	50.6	76.0
63	37.3	31.0	46.6



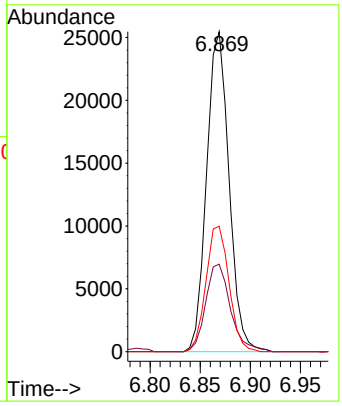
Instrument :
BNA_M
ClientSampleId :
435-416

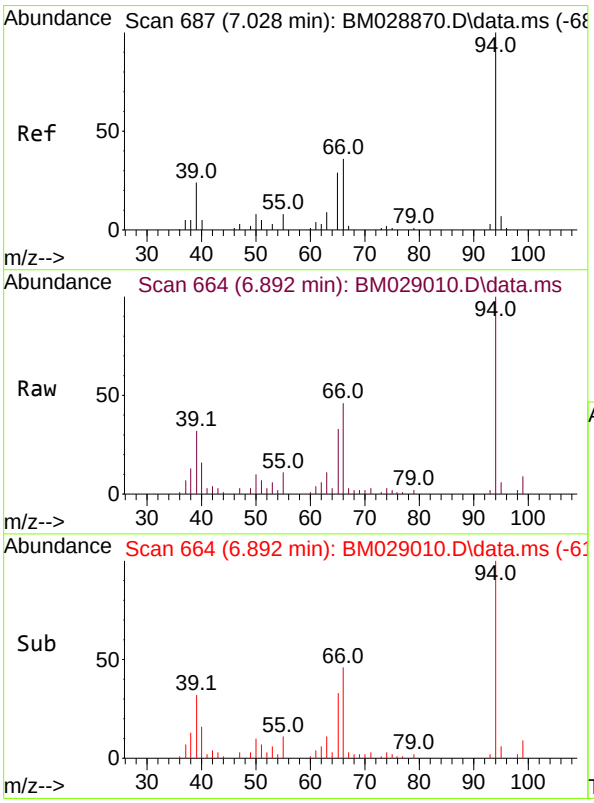


#7
Phenol-d6
Concen: 39.96 ng
RT: 6.869 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion: 99 Resp: 39591

Ion	Ratio	Lower	Upper
99	100		
42	27.4	13.5	20.3#
71	39.2	39.4	59.0#

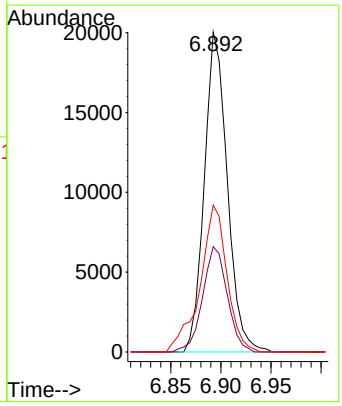




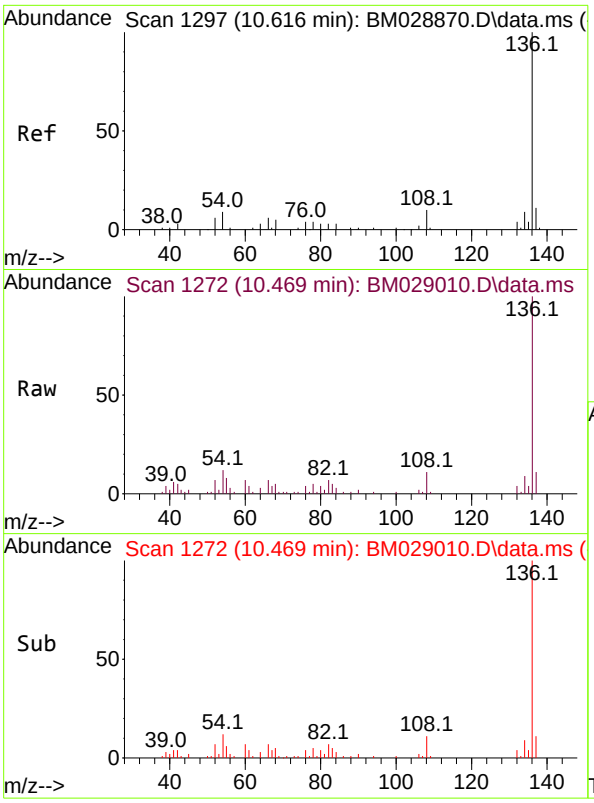
#10
Phenol
Concen: 32.44 ng
RT: 6.892 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion: 94 Resp: 31938

Ion	Ratio	Lower	Upper
94	100		
65	32.9	16.4	56.4
66	45.9	30.2	70.2



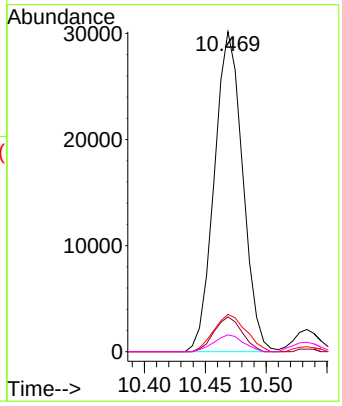
Instrument :
BNA_M
ClientSampleId :
435-416

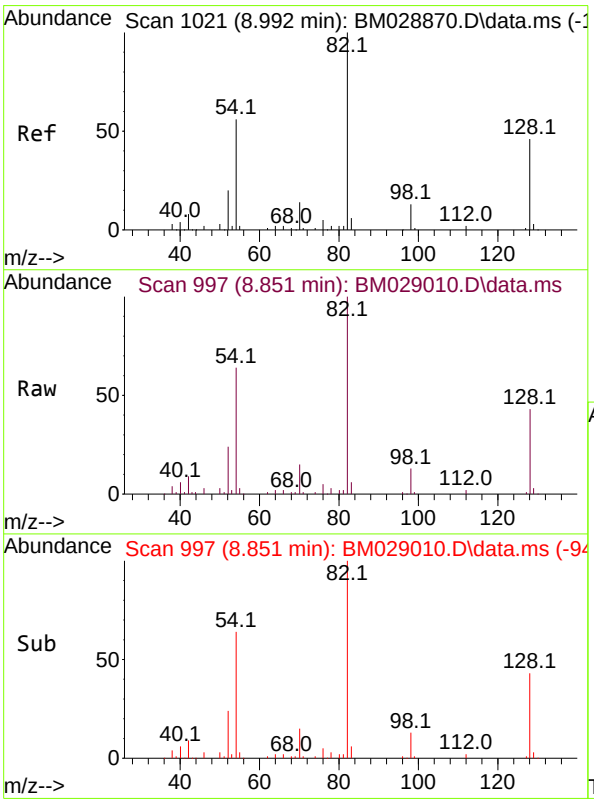


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion:136 Resp: 48917

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	11.6	4.6	7.0#
68	5.2	4.1	6.1

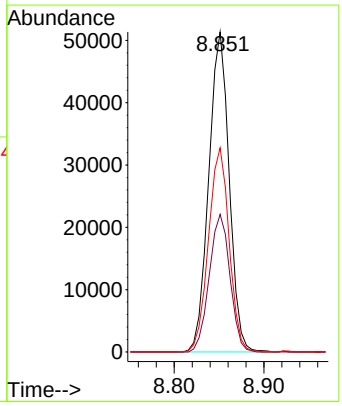




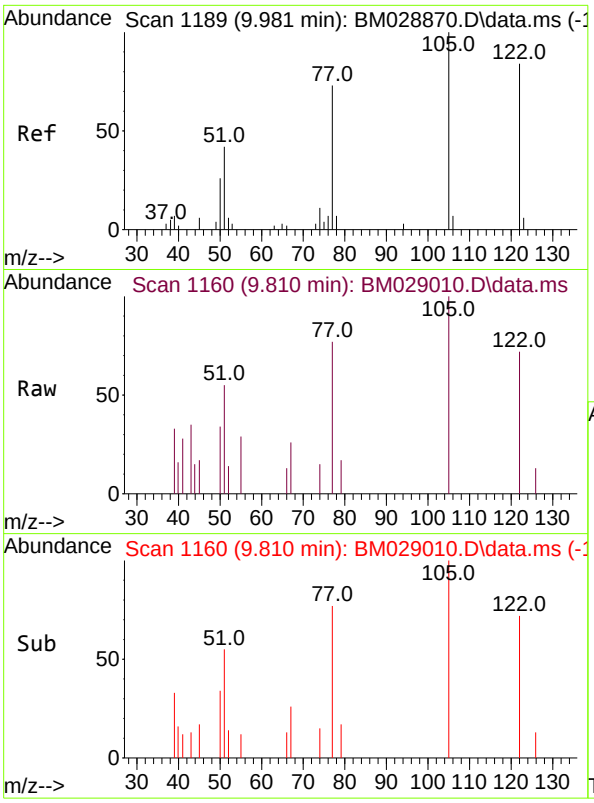
#23
Nitrobenzene-d5
Concen: 89.38 ng
RT: 8.851 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion: 82 Resp: 81035

Ion	Ratio	Lower	Upper
82	100		
128	43.0	27.4	41.0#
54	63.8	31.4	47.0#



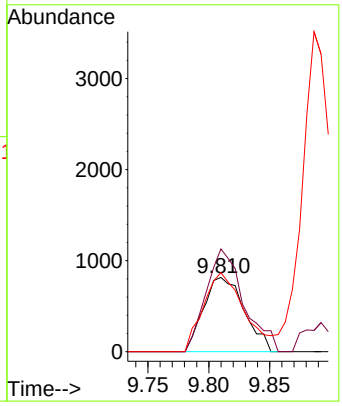
Instrument :
BNA_M
ClientSampleId :
435-416

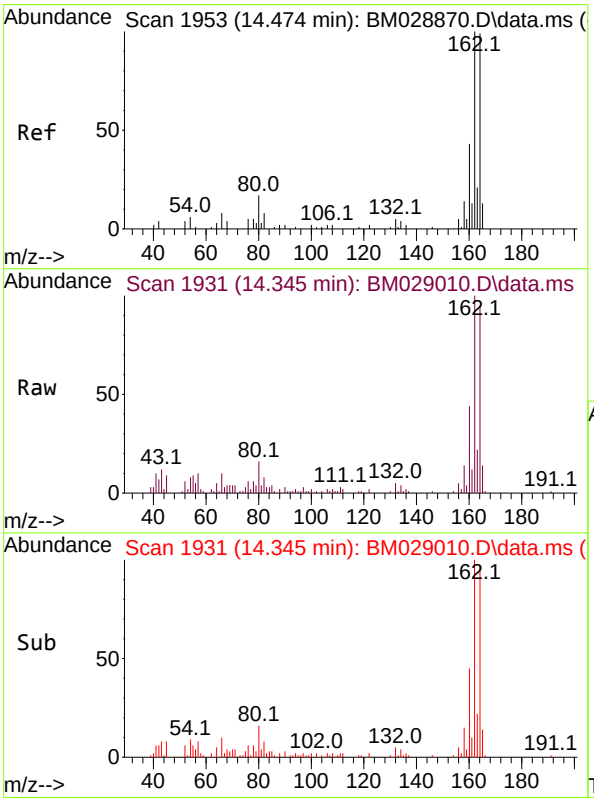


#32
Benzoic acid
Concen: 3.78 ng
RT: 9.810 min Scan# 1160
Delta R.T. -0.035 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion:122 Resp: 1895

Ion	Ratio	Lower	Upper
122	100		
105	138.4	114.0	154.0
77	106.6	101.8	141.8

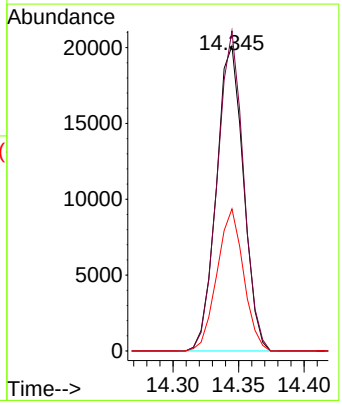


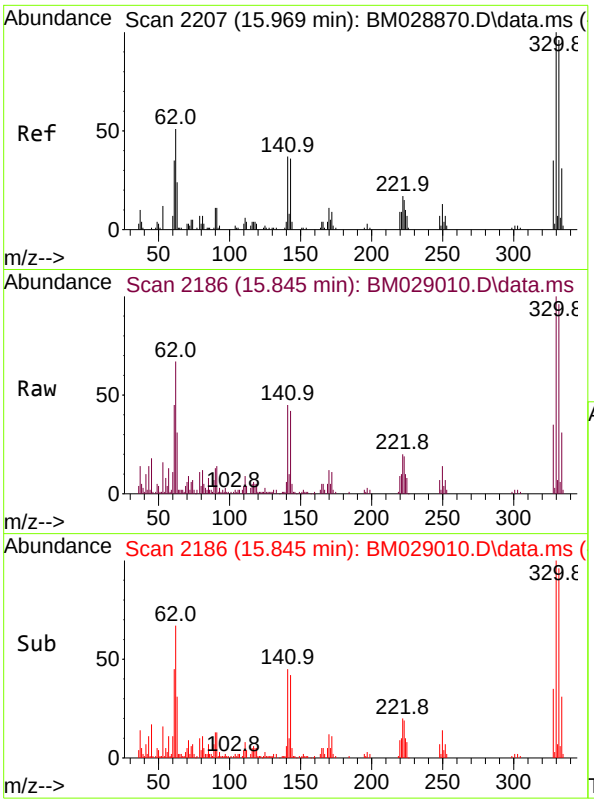


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion:164 Resp: 28867

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.4	120.6
160	46.6	35.9	53.9

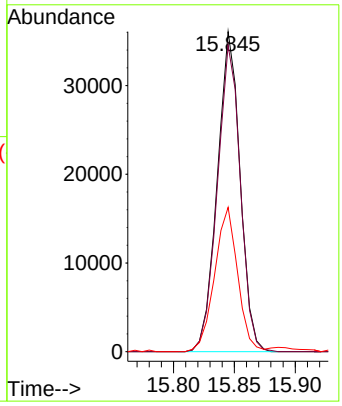




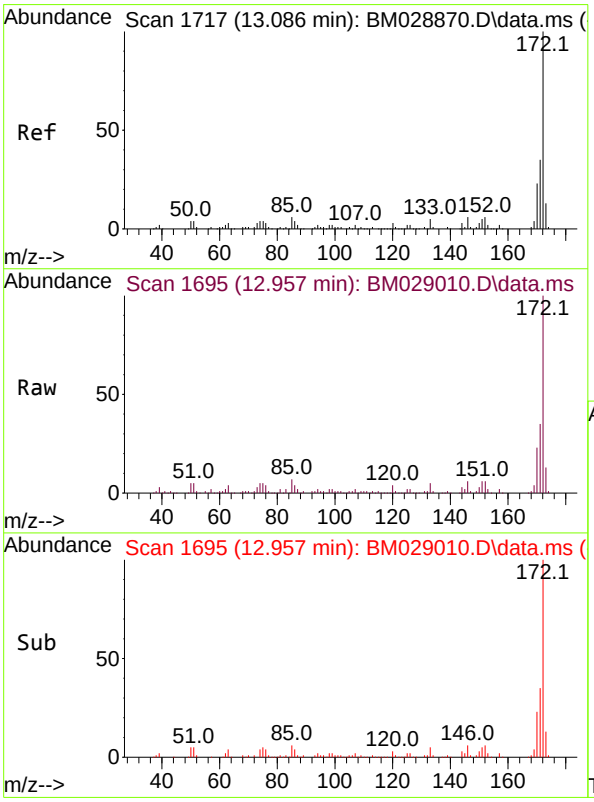
#42
2,4,6-Tribromophenol
Concen: 137.61 ng
RT: 15.845 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion:330 Resp: 47082

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.8
141	45.6	28.4	42.6#



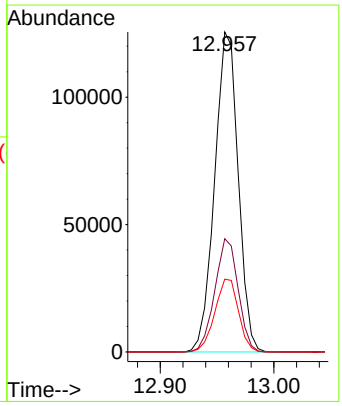
Instrument :
BNA_M
ClientSampleId :
435-416



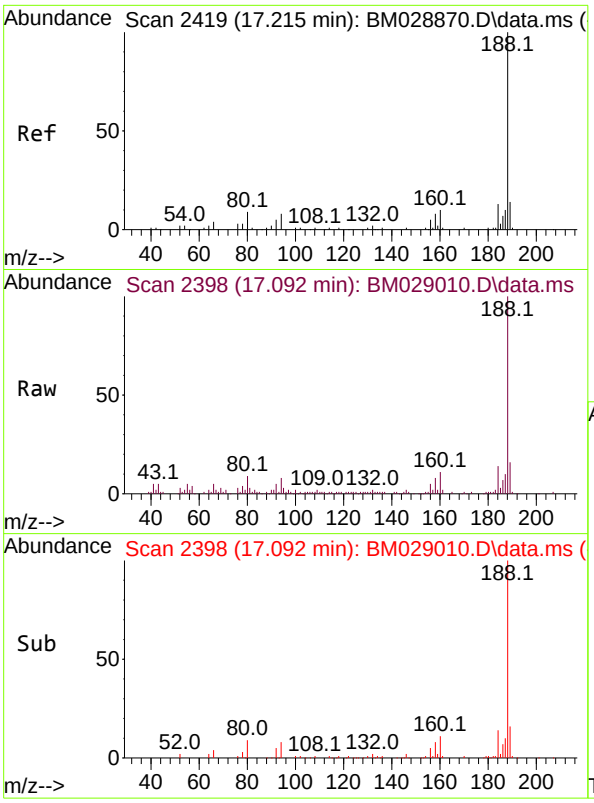
#45
2-Fluorobiphenyl
Concen: 83.32 ng
RT: 12.957 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion:172 Resp: 180673

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.8
170	22.7	18.6	27.8



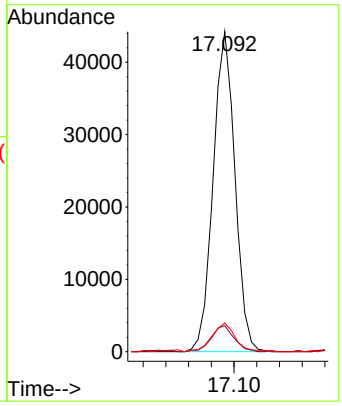
Instrument :
BNA_M
ClientSampleId :
435-416

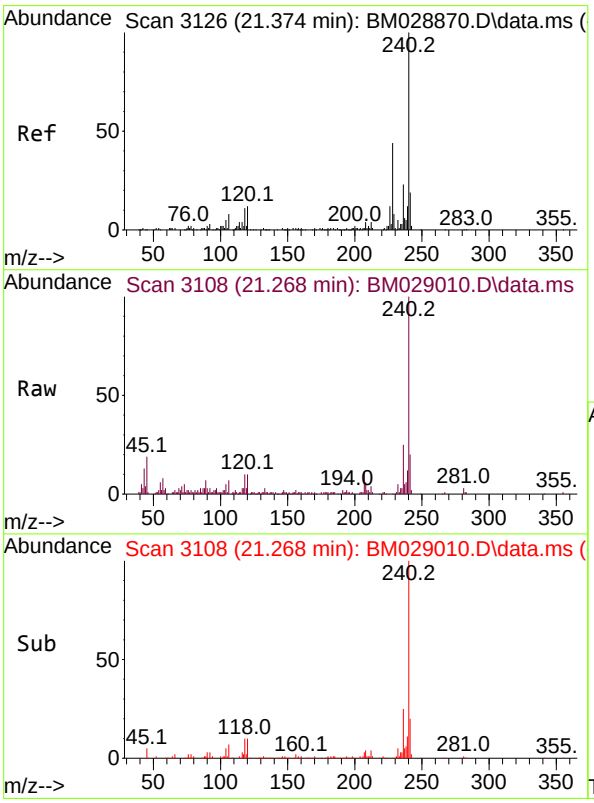


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion:188 Resp: 58917

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.2	9.4
80	9.0	7.5	11.3

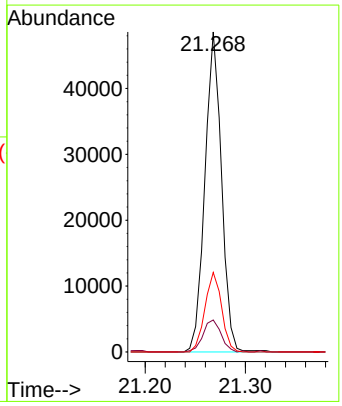




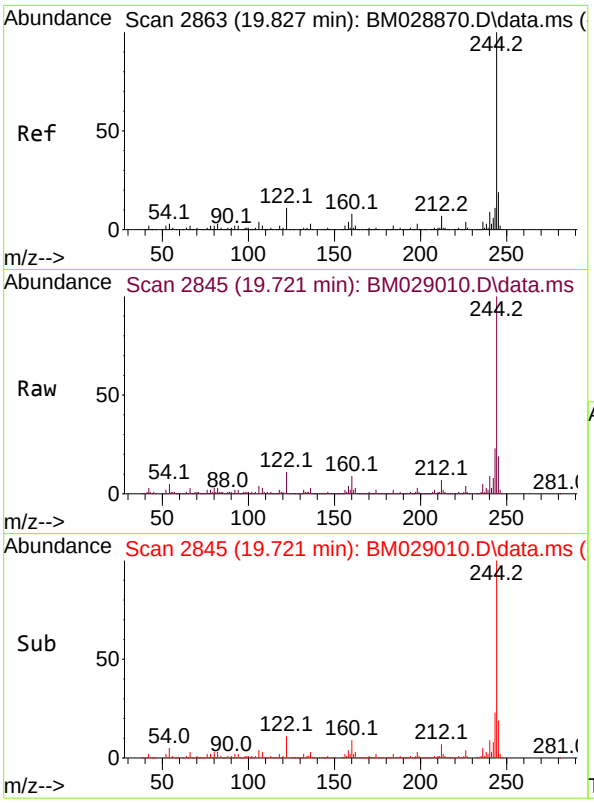
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.268 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion:240 Resp: 55832

Ion	Ratio	Lower	Upper
240	100		
120	10.0	6.4	9.6#
236	24.9	20.1	30.1



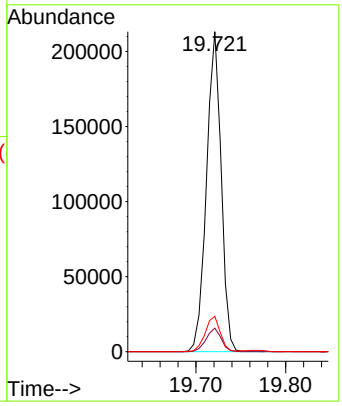
Instrument :
BNA_M
ClientSampleId :
435-416

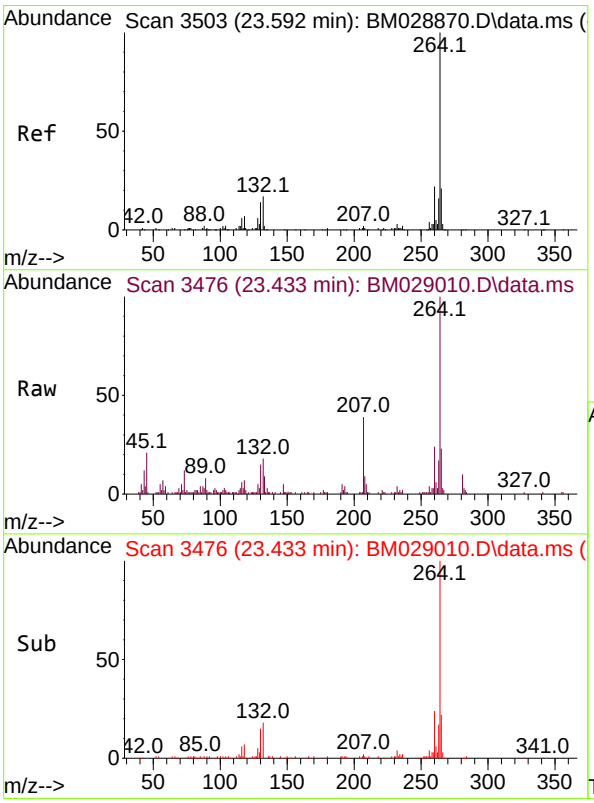


#79
Terphenyl-d14
Concen: 79.92 ng
RT: 19.721 min Scan# 2845
Delta R.T. -0.000 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion:244 Resp: 241648

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.1	6.5	9.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion:264 Resp: 55411

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	23.0	17.7	26.5