Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
Data File : BM047275.D
Acq On : 20 Aug 2024 18:16
Operator : RC/JU
Sample : PB162861BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB162861BL

Quant Time: Aug 21 02:48:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.357	152	271766	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	970762	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	590959	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1177083	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1082208	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1234158	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1786174	117.440	ng	0.00
7) Phenol-d6	6.575	99	2189420	104.471	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1461155	75.790	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	838220	122.327	ng	-0.01
45) 2-Fluorobiphenyl	12.628	172	3177514	82.940	ng	-0.02
79) Terphenyl-d14	19.451	244	4621078	91.497	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.528	77	303	Below Cal	#	17

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

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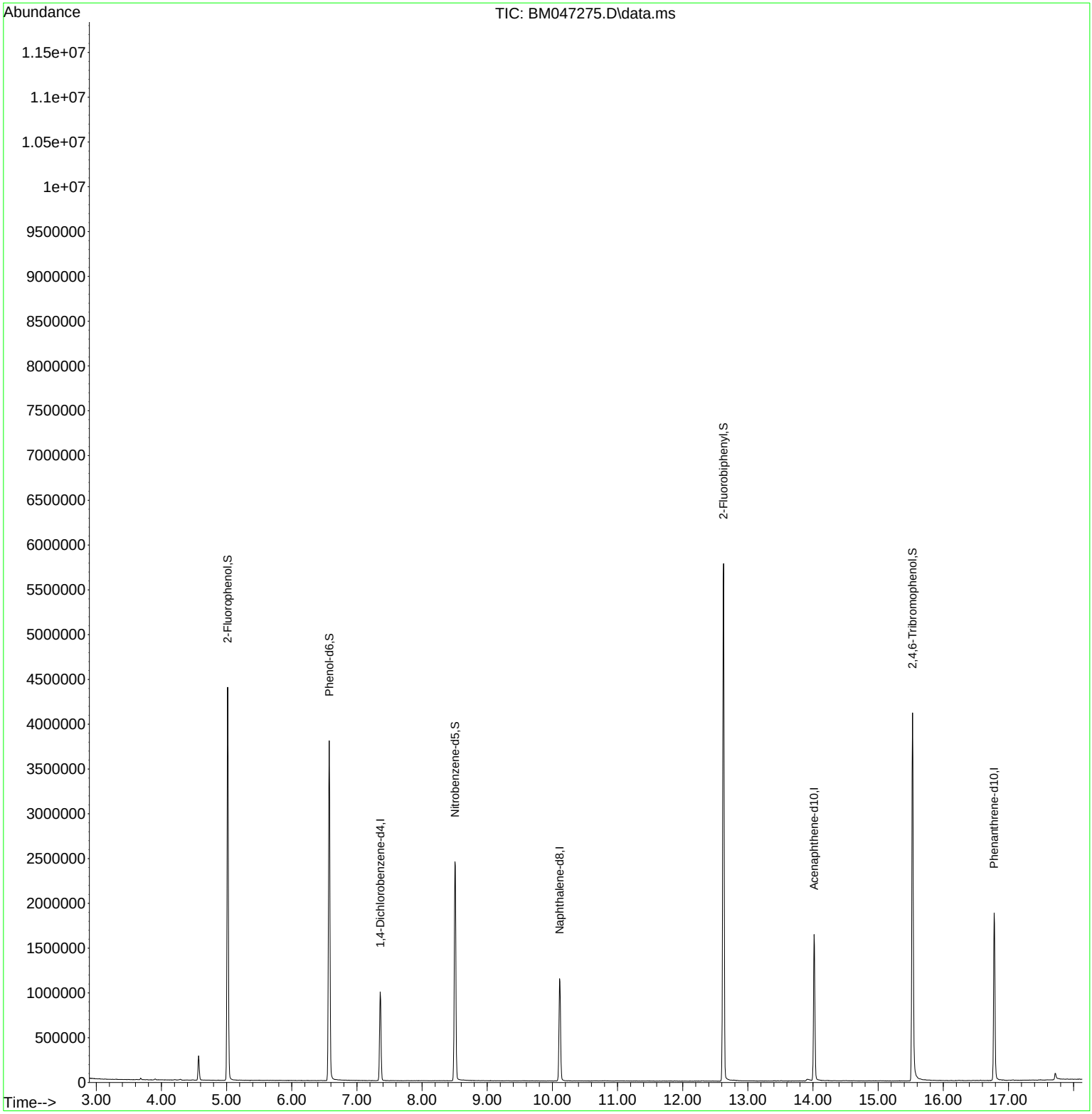

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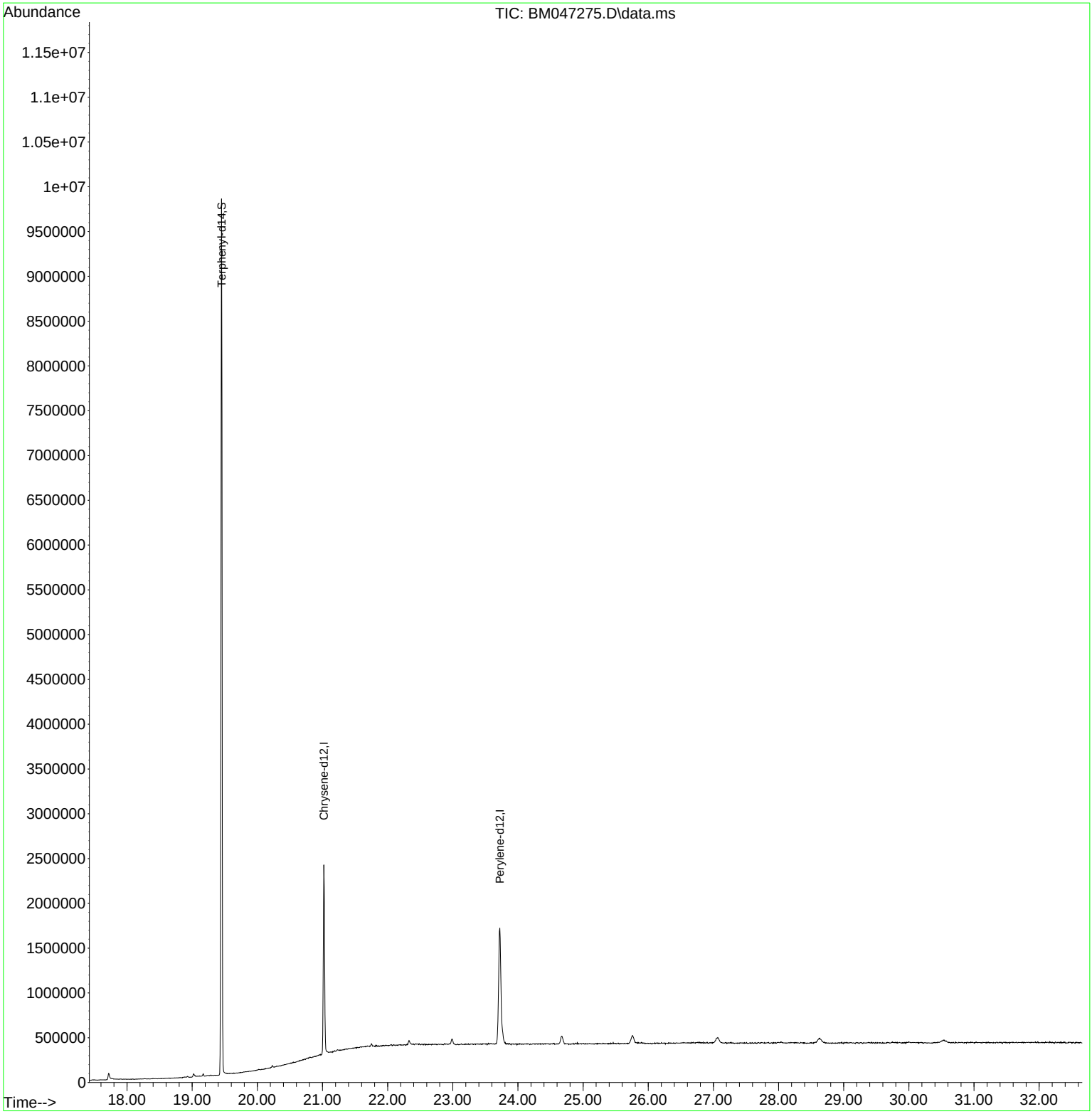
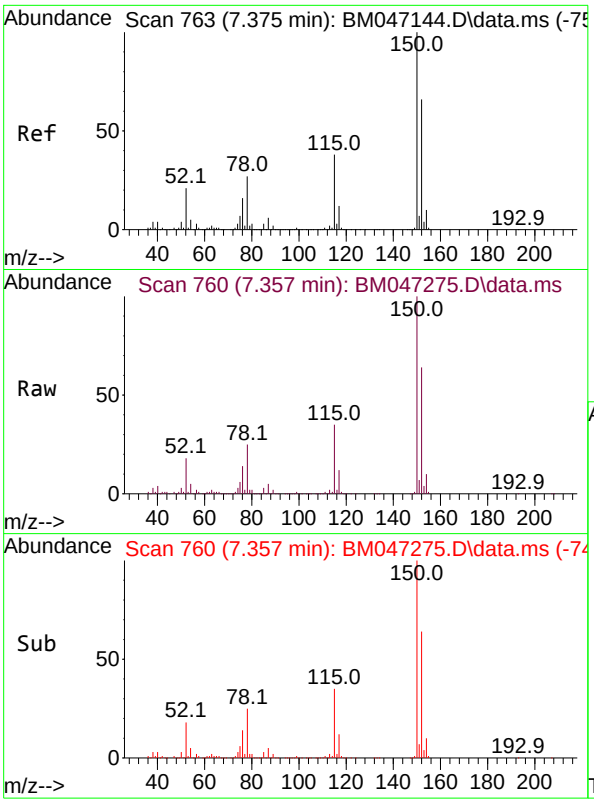


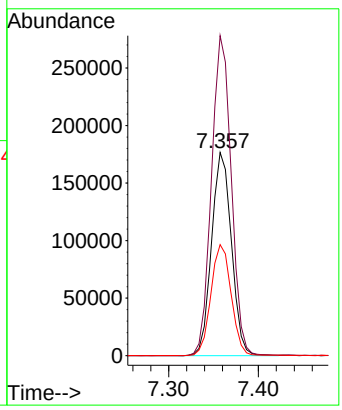


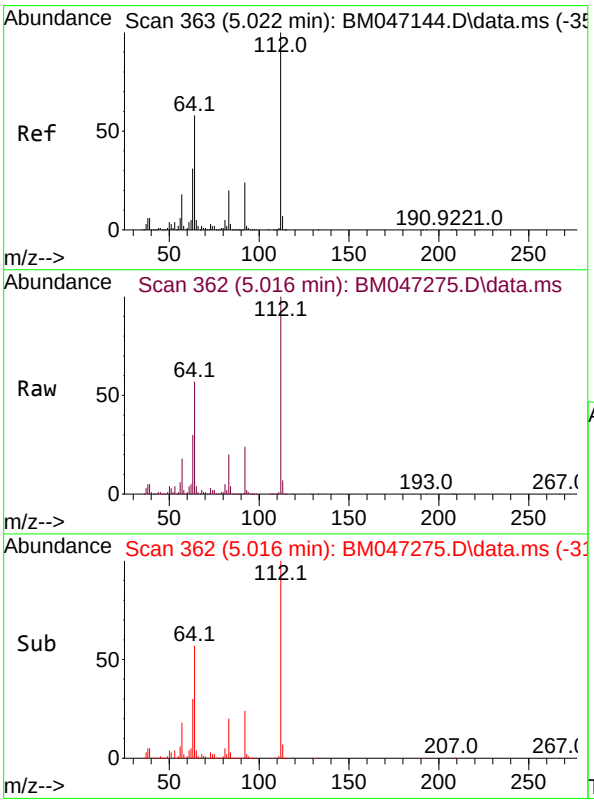
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.357 min Scan# 7(
Delta R.T. -0.018 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

Instrument :
BNA_M
ClientSampleId :
PB162861BL

Tgt Ion:152 Resp: 271766

Ion	Ratio	Lower	Upper
152	100		
150	157.4	120.5	180.7
115	54.7	45.5	68.3

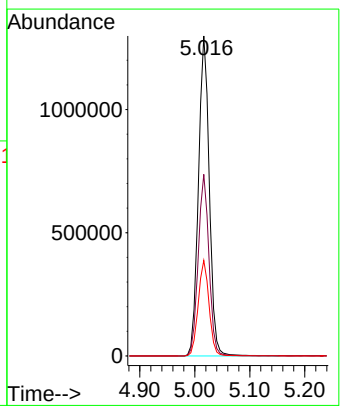


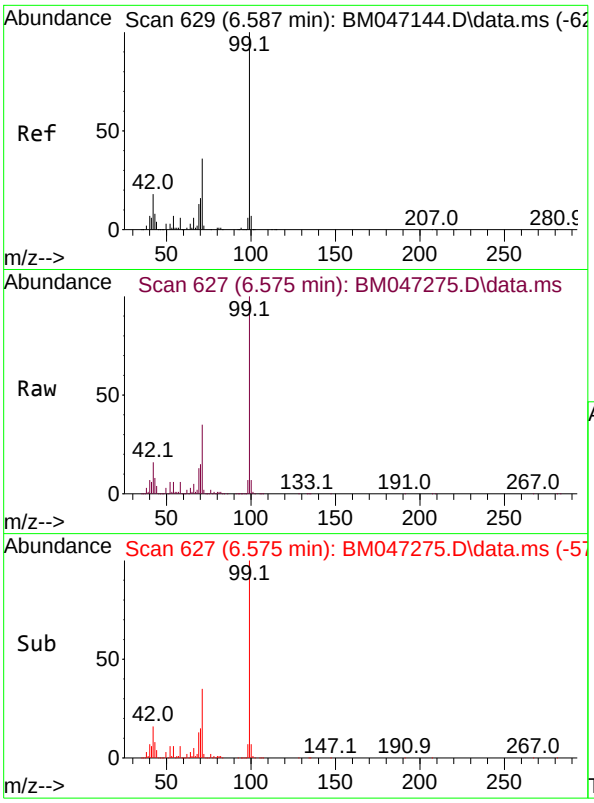


#5
2-Fluorophenol
Concen: 117.440 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

Tgt Ion:112 Resp: 1786174

Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.7	70.1
63	29.9	24.8	37.2



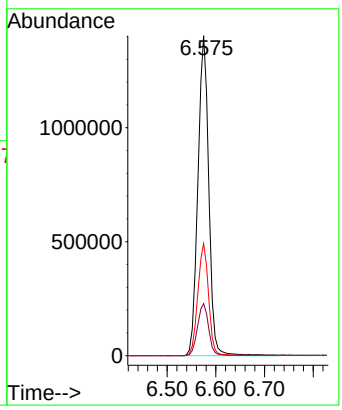


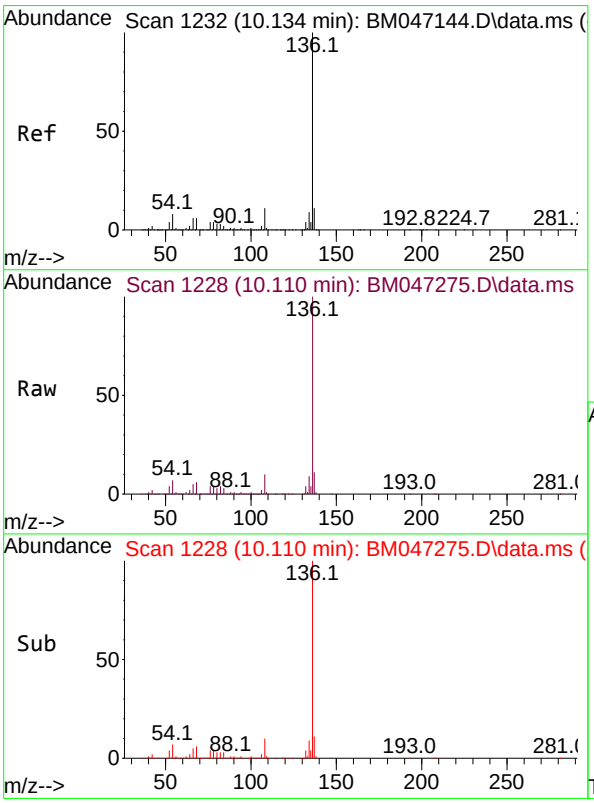
#7
Phenol-d6
Concen: 104.471 ng
RT: 6.575 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

Instrument :
BNA_M
ClientSampleId :
PB162861BL

Tgt Ion: 99 Resp: 2189420

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	35.0	28.5	42.7

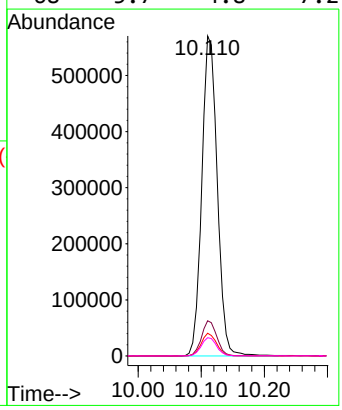


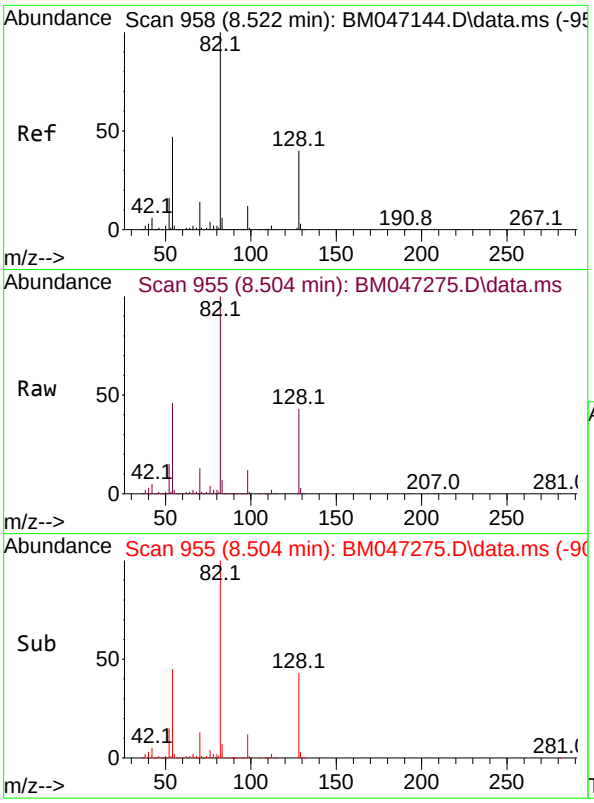


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 1228
Delta R.T. -0.024 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

Tgt Ion:136 Resp: 970762

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	6.0	9.0
68	5.7	4.8	7.2



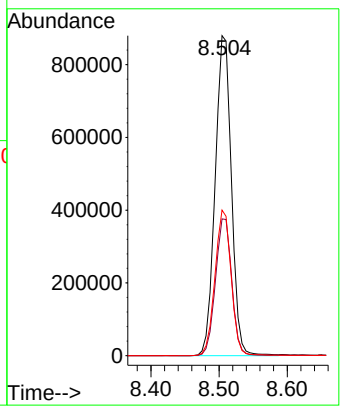


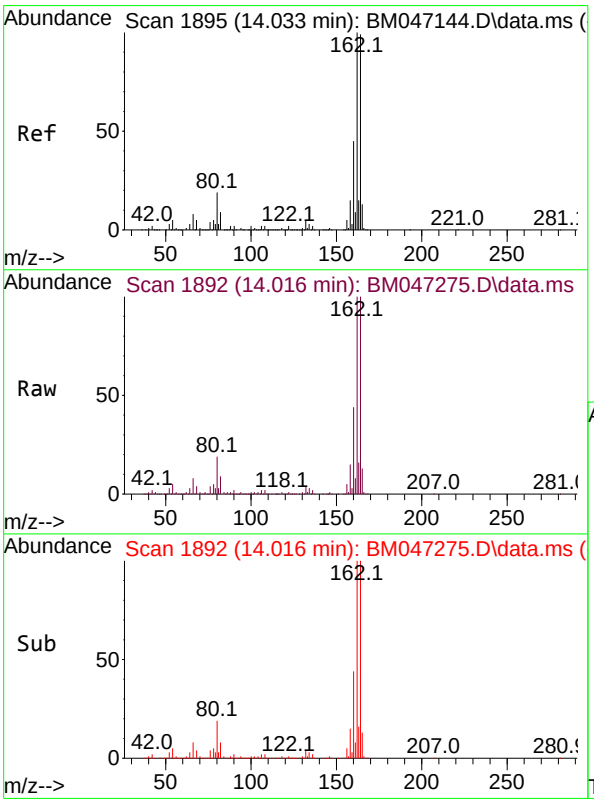
#23
Nitrobenzene-d5
Concen: 75.790 ng
RT: 8.504 min Scan# 9
Delta R.T. -0.018 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

Instrument :
BNA_M
ClientSampleId :
PB162861BL

Tgt Ion: 82 Resp: 1461155

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.3	48.5
54	45.5	37.4	56.2

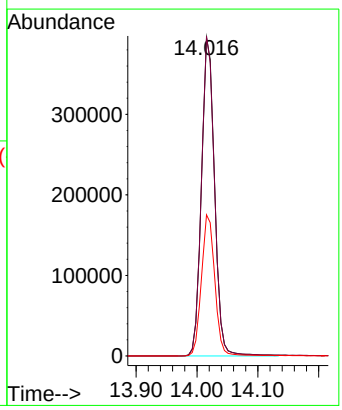


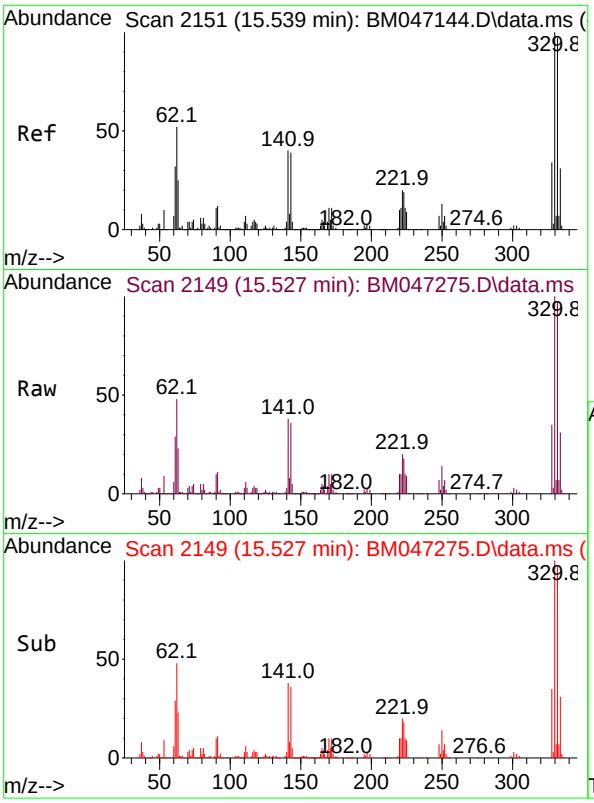


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

Tgt Ion:164 Resp: 590959

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.7	121.1
160	44.3	36.0	54.0



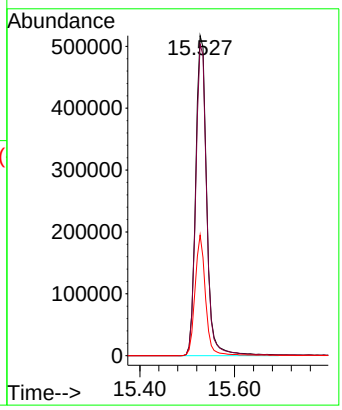


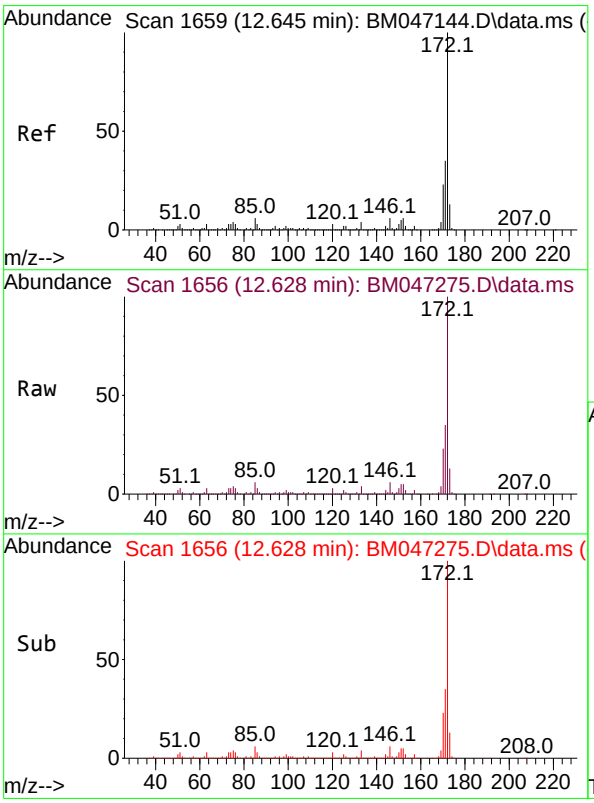
#42
2,4,6-Tribromophenol
Concen: 122.327 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

Instrument :
BNA_M
ClientSampleId :
PB162861BL

Tgt Ion:330 Resp: 838220

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	35.9	31.6	47.4

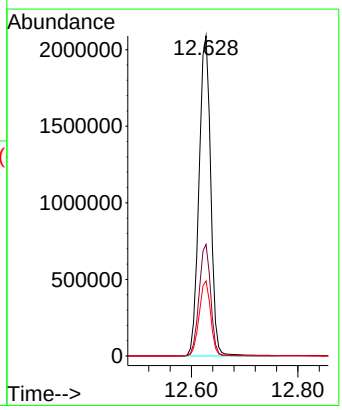


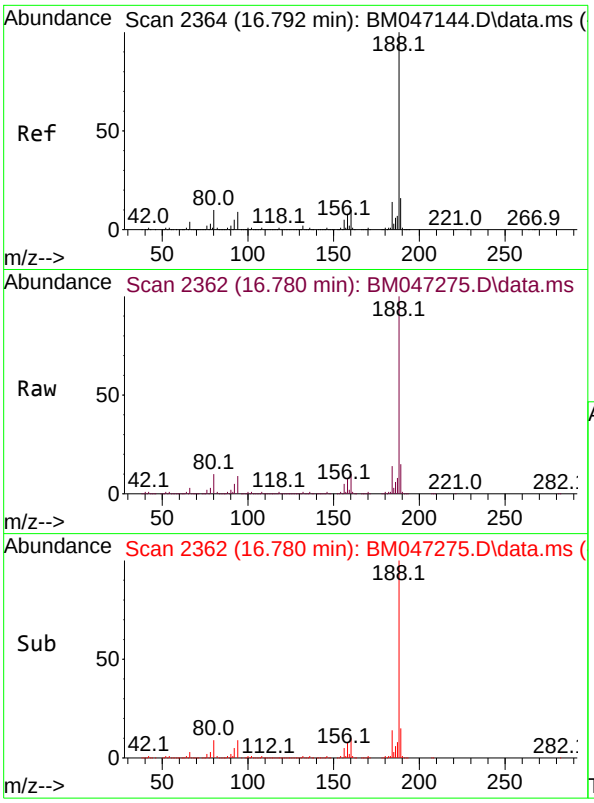


#45
2-Fluorobiphenyl
Concen: 82.940 ng
RT: 12.628 min Scan# 1656
Delta R.T. -0.017 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

Tgt Ion:172 Resp: 3177514

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.4	18.7	28.1



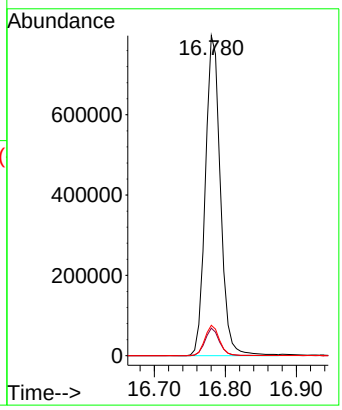


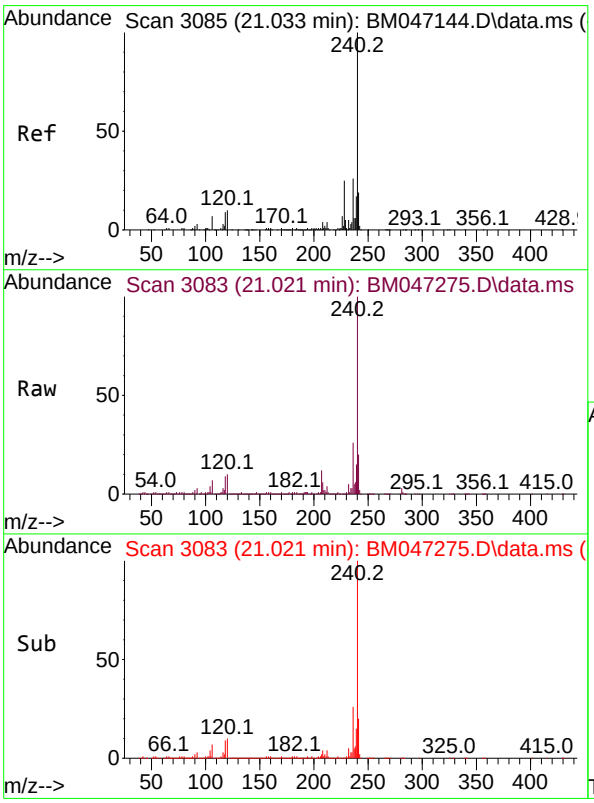
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

Instrument :
BNA_M
ClientSampleId :
PB162861BL

Tgt Ion:188 Resp: 1177083

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	9.5	8.0	12.0

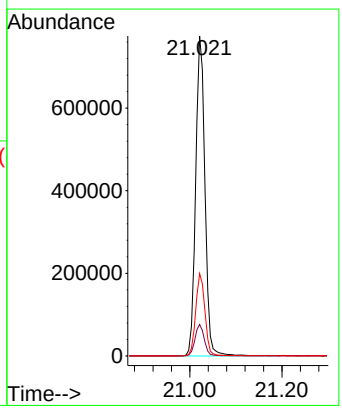


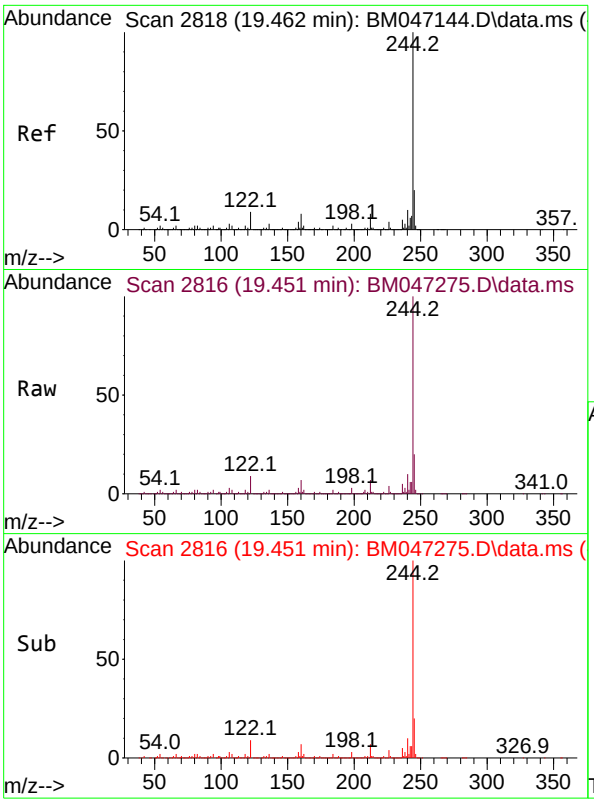


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

Tgt Ion:240 Resp: 1082208

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	25.7	20.6	30.8



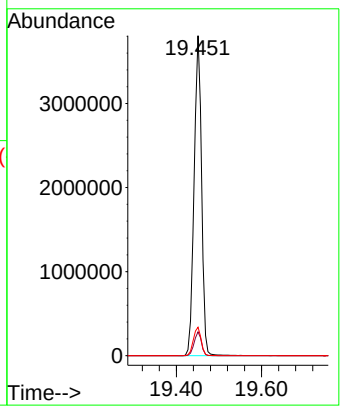


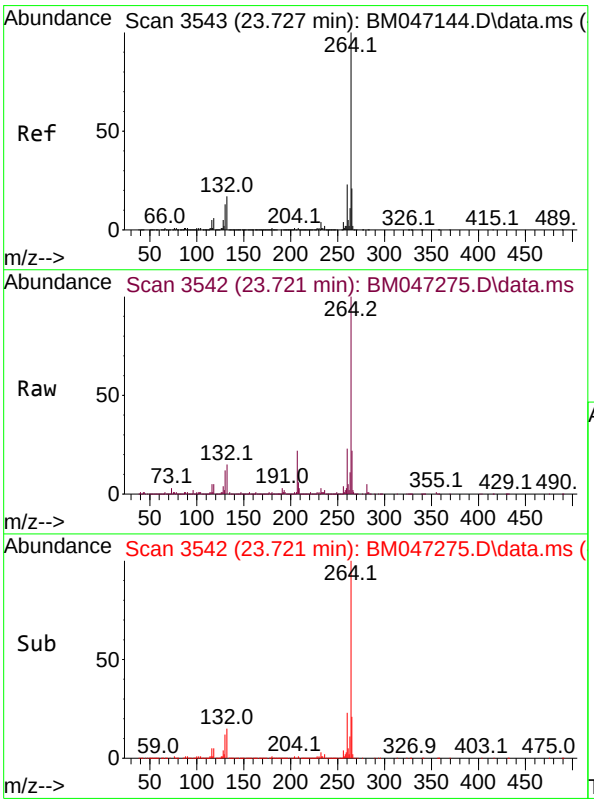
#79
Terphenyl-d14
Concen: 91.497 ng
RT: 19.451 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

Instrument :
BNA_M
ClientSampleId :
PB162861BL

Tgt Ion:244 Resp: 4621078

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.4
122	8.9	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3542
Delta R.T. -0.006 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

Tgt Ion:264 Resp: 1234158

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.7	17.3	25.9