Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
Data File : BP010620.D
Acq On : 29 May 2022 15:47
Operator : CG/JU
Sample : N2951-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P035-SS002-0006-01

Quant Time: May 30 02:06:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 02:18:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	110667	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	429682	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	267337	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	543703	20.000	ng	0.00
76) Chrysene-d12	21.339	240	522163	20.000	ng	0.00
86) Perylene-d12	23.751	264	536650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	677351	111.659	ng	0.00
7) Phenol-d6	7.040	99	892292	103.611	ng	0.00
23) Nitrobenzene-d5	9.028	82	607470	66.841	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	320868	106.032	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	1242665	65.971	ng	0.00
79) Terphenyl-d14	19.810	244	1890223	67.994	ng	0.00
Target Compounds						Qvalue

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

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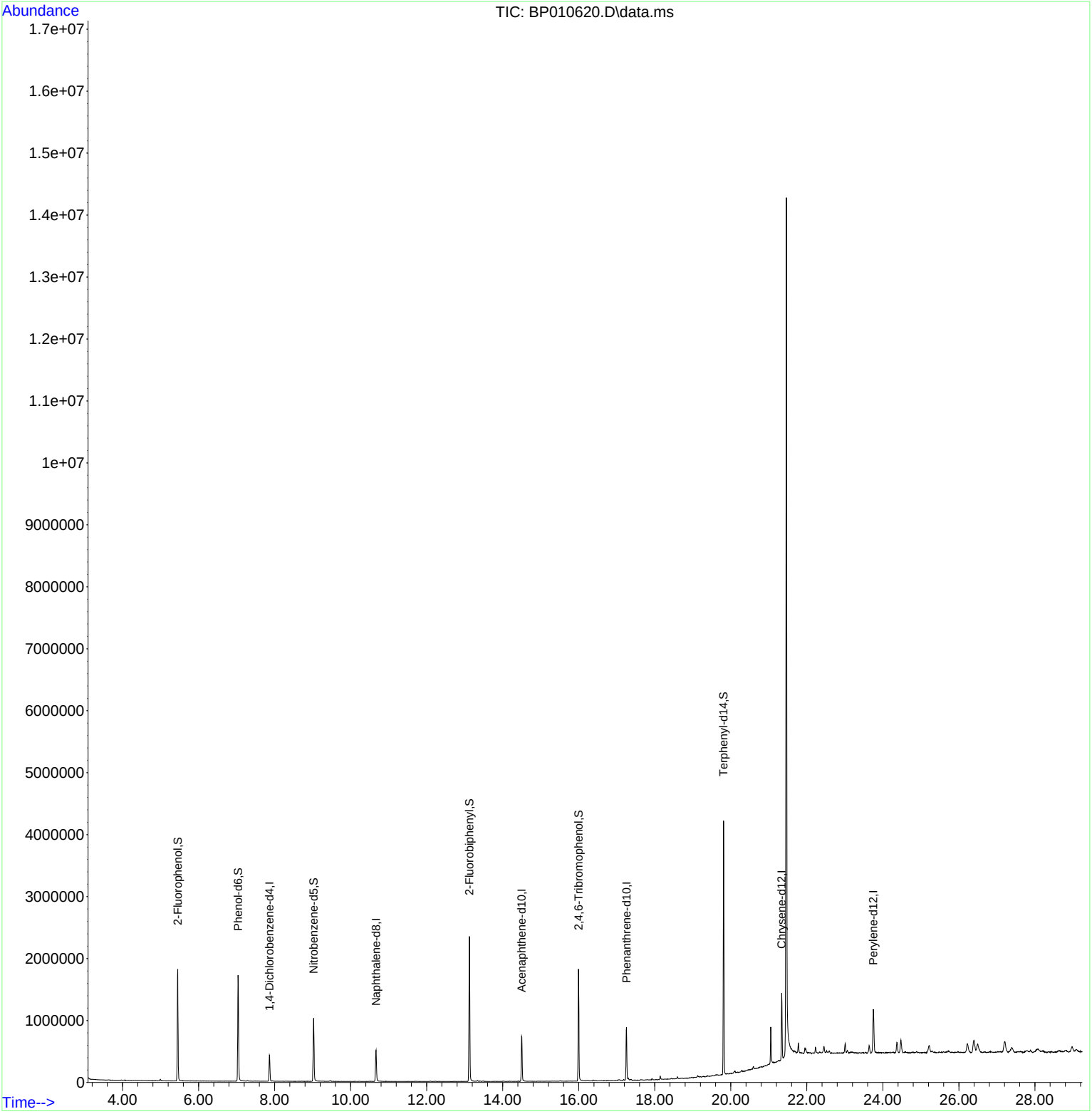
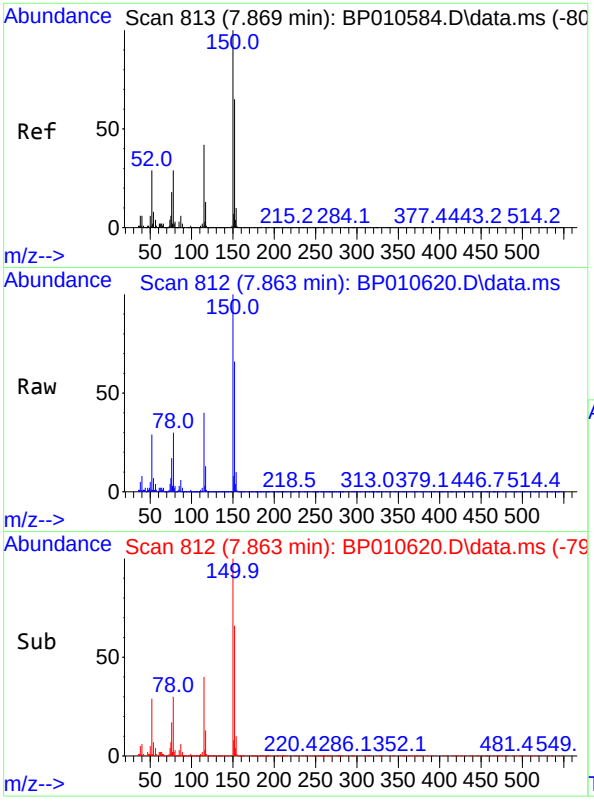


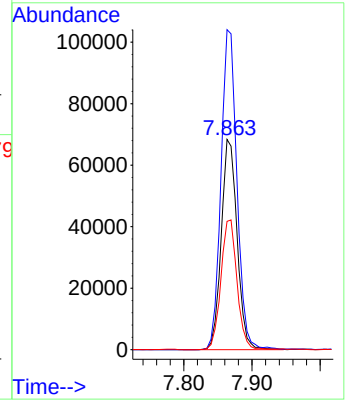


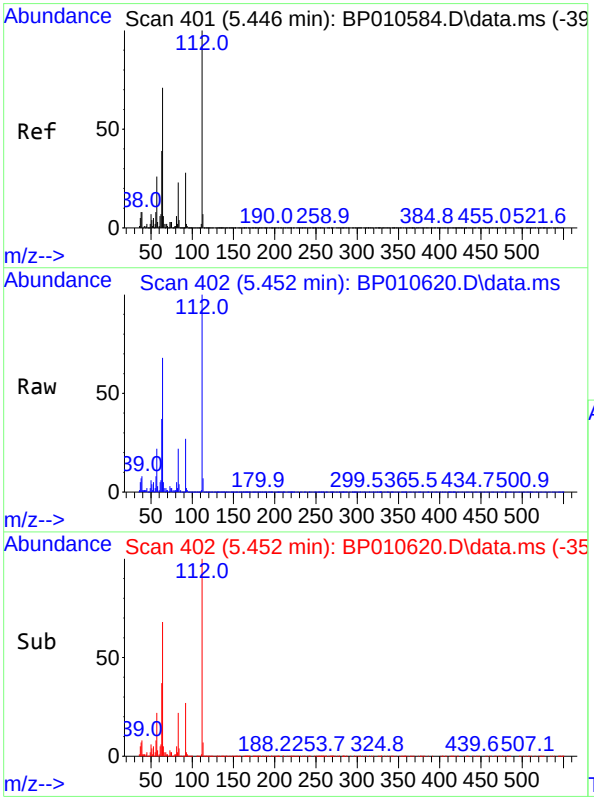
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Instrument :
BNA_P
ClientSampleId :
P035-SS002-0006-01

Tgt Ion:152 Resp: 110667

Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.4	185.2
115	61.0	51.3	76.9

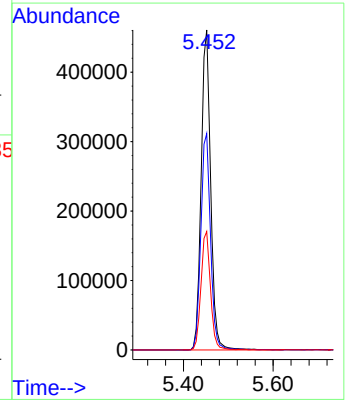


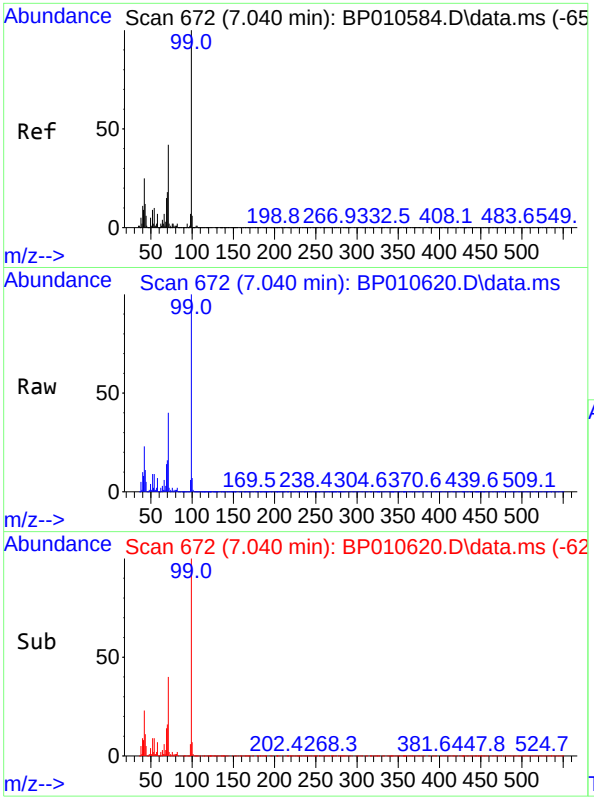


#5
2-Fluorophenol
Concen: 111.659 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Tgt Ion:112 Resp: 677351

Ion	Ratio	Lower	Upper
112	100		
64	67.6	56.9	85.3
63	37.0	31.2	46.8



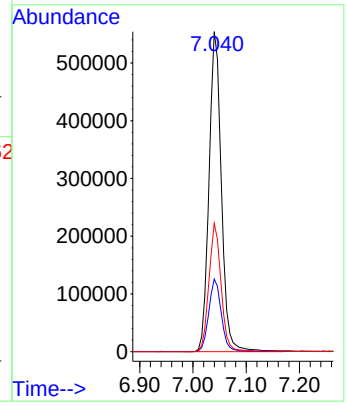


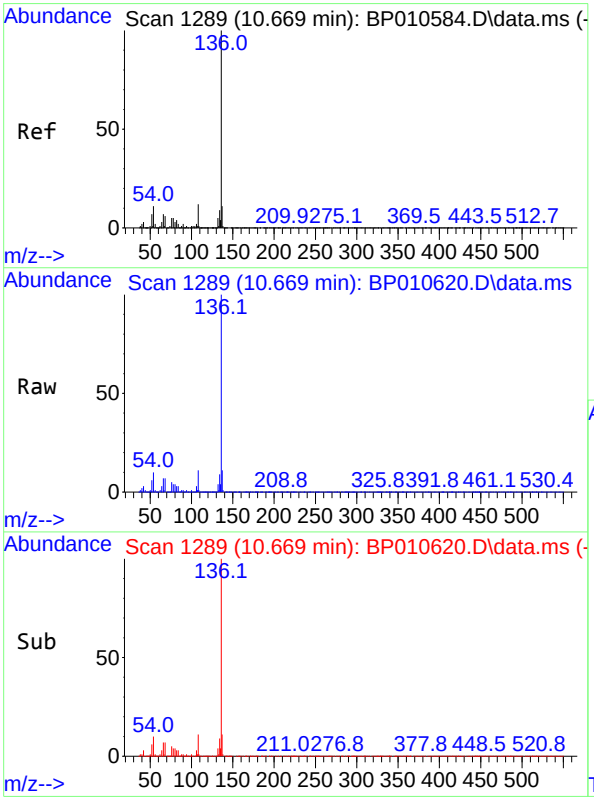
#7
Phenol-d6
Concen: 103.611 ng
RT: 7.040 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Instrument :
BNA_P
ClientSampleId :
P035-SS002-0006-01

Tgt Ion: 99 Resp: 892292

Ion	Ratio	Lower	Upper
99	100		
42	22.7	20.3	30.5
71	40.1	33.9	50.9

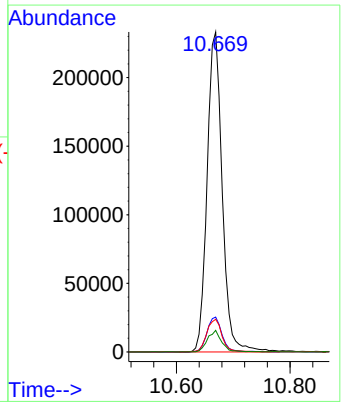


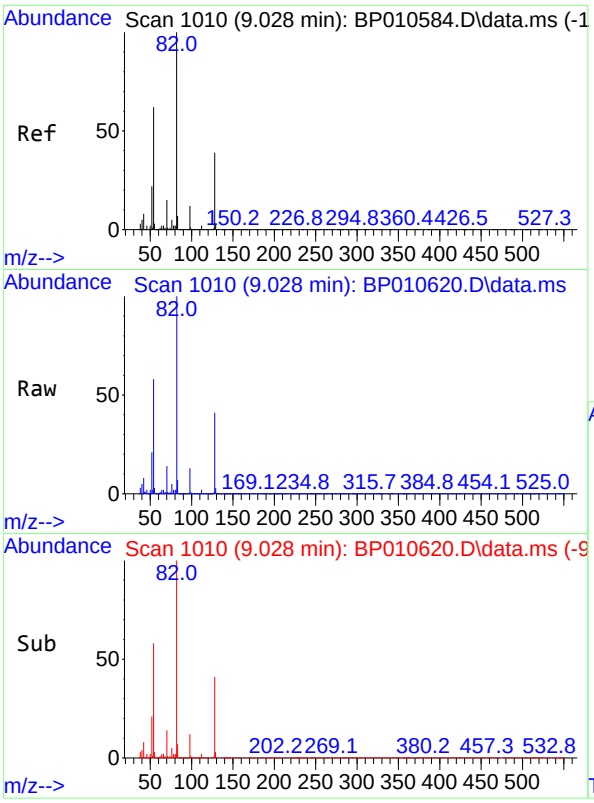


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Tgt Ion:136 Resp: 429682

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	10.2	8.7	13.1
68	6.8	4.8	7.2



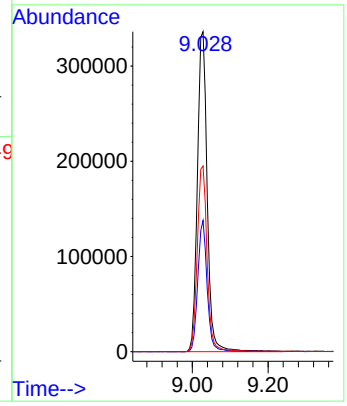


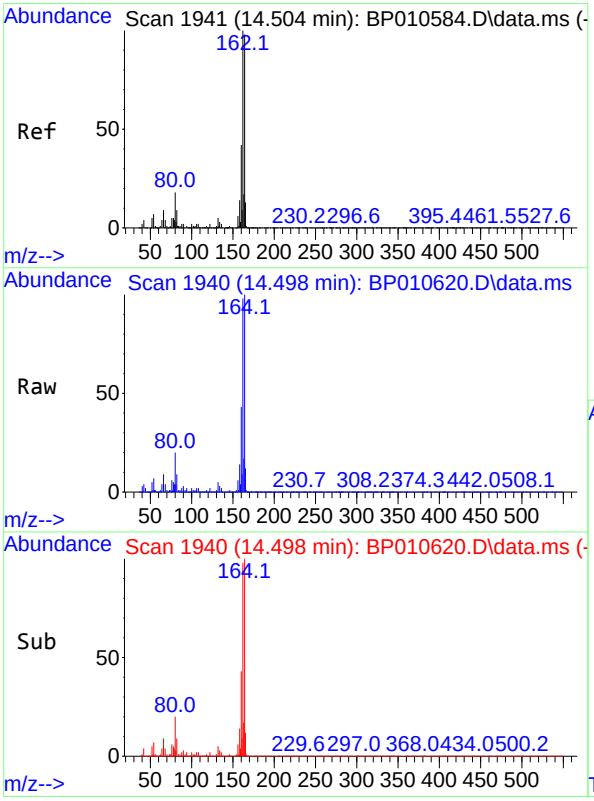
#23
Nitrobenzene-d5
Concen: 66.841 ng
RT: 9.028 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Instrument :
BNA_P
ClientSampleId :
P035-SS002-0006-01

Tgt Ion: 82 Resp: 607470

Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.3	46.9
54	58.1	49.8	74.8

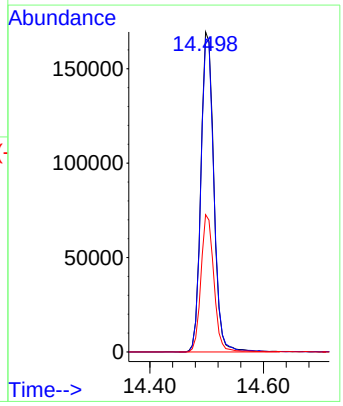


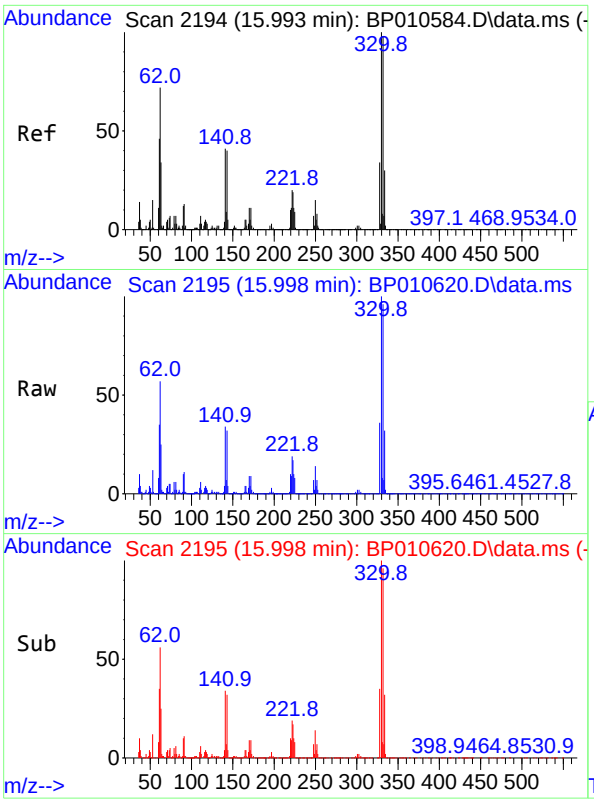


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Tgt Ion:164 Resp: 267337

Ion	Ratio	Lower	Upper
164	100		
162	97.9	81.9	122.9
160	42.9	34.6	51.8



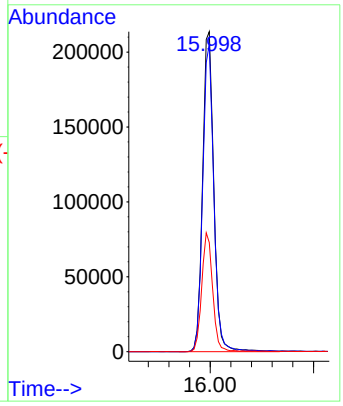


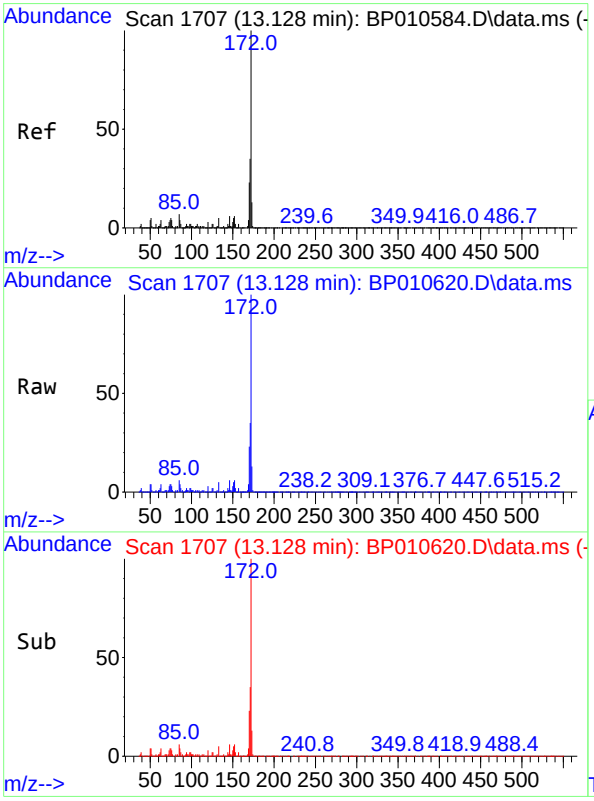
#42
2,4,6-Tribromophenol
Concen: 106.032 ng
RT: 15.998 min Scan# 21
Delta R.T. 0.005 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Instrument :
BNA_P
ClientSampleId :
P035-SS002-0006-01

Tgt Ion:330 Resp: 320868

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.1	117.1
141	36.2	31.4	47.2

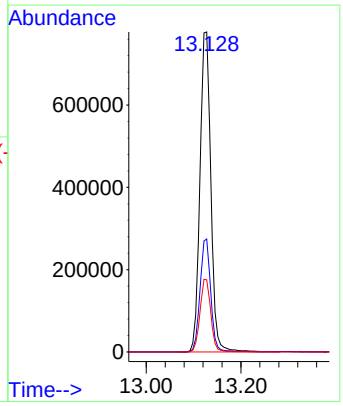


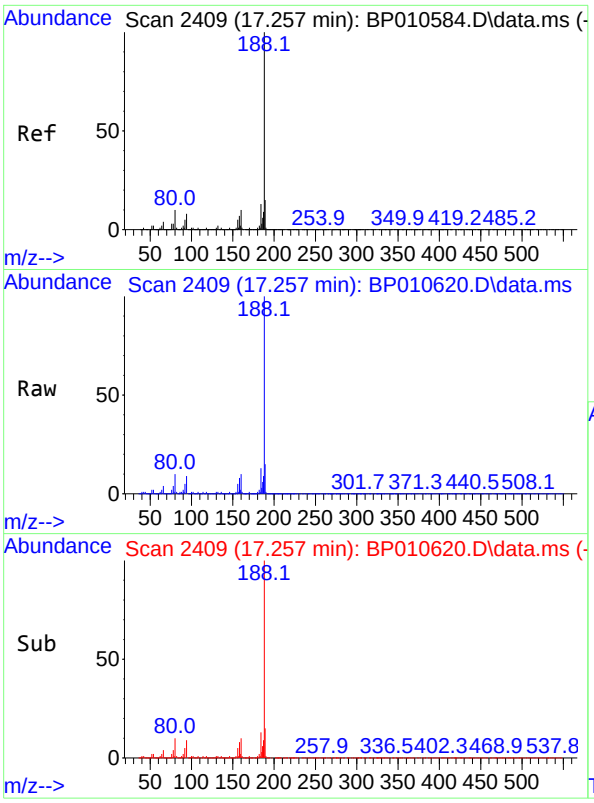


#45
2-Fluorobiphenyl
Concen: 65.971 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Tgt Ion:172 Resp: 1242665

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	22.6	18.2	27.2



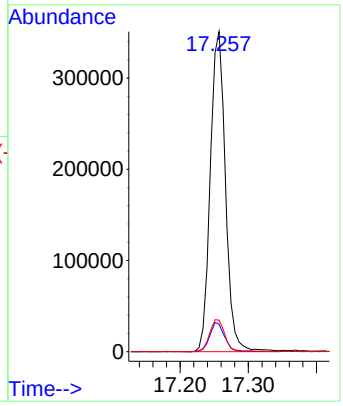


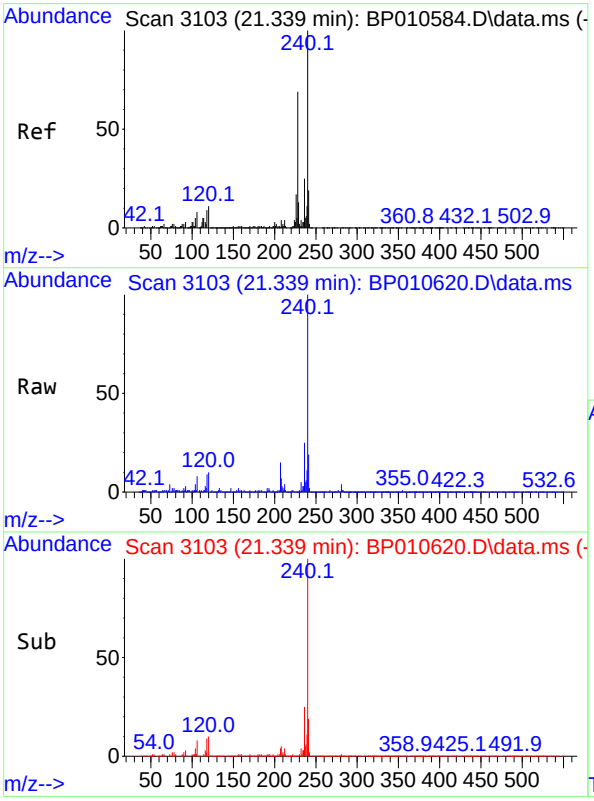
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Instrument :
BNA_P
ClientSampleId :
P035-SS002-0006-01

Tgt Ion:188 Resp: 543703

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.8	8.0	12.0

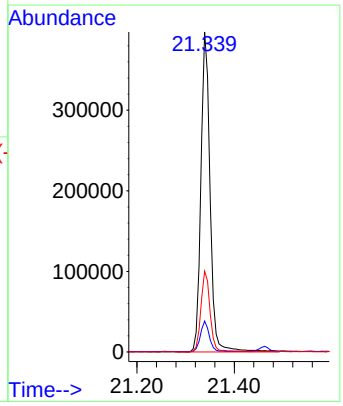


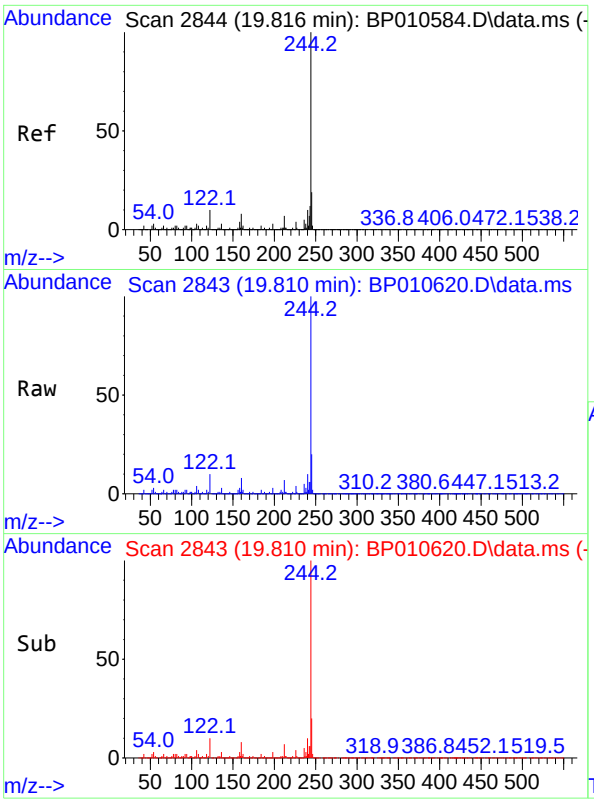


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Tgt Ion:240 Resp: 522163

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.6	12.8
236	25.3	19.8	29.6



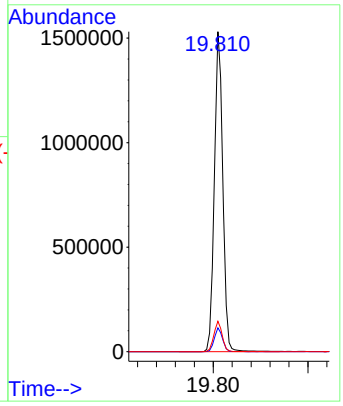


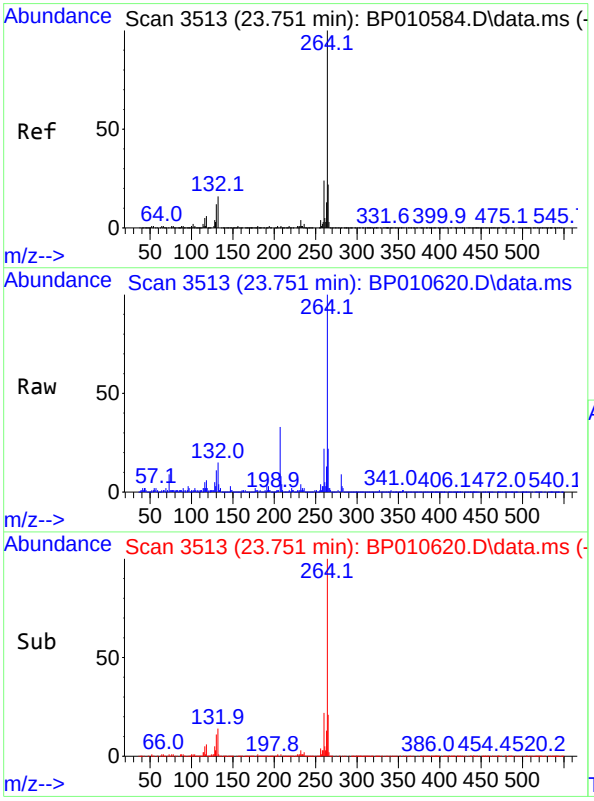
#79
Terphenyl-d14
Concen: 67.994 ng
RT: 19.810 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Instrument :
BNA_P
ClientSampleId :
P035-SS002-0006-01

Tgt Ion:244 Resp: 1890223

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	9.5	7.6	11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.000 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Tgt Ion:264 Resp: 536650

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.3	28.9
265	22.2	18.0	27.0