Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
Data File : BE101549.D
Acq On : 8 Nov 2024 13:21
Operator : RC/JU
Sample : P4700-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MH-8

Quant Time: Nov 08 13:03:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 00:01:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	52937	20.000	ng	0.00
21) Naphthalene-d8	10.326	136	221809	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	140890	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	331523	20.000	ng	0.00
76) Chrysene-d12	21.066	240	393207	20.000	ng	-0.01
86) Perylene-d12	23.352	264	509724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	406941	135.924	ng	0.00
7) Phenol-d6	6.942	99	496179	120.877	ng	0.00
23) Nitrobenzene-d5	8.769	82	323645	92.165	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	411747	155.310	ng	0.00
45) 2-Fluorobiphenyl	12.788	172	872227	101.084	ng	-0.01
79) Terphenyl-d14	19.503	244	1982468	111.603	ng	0.00
Target Compounds						Qvalue

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

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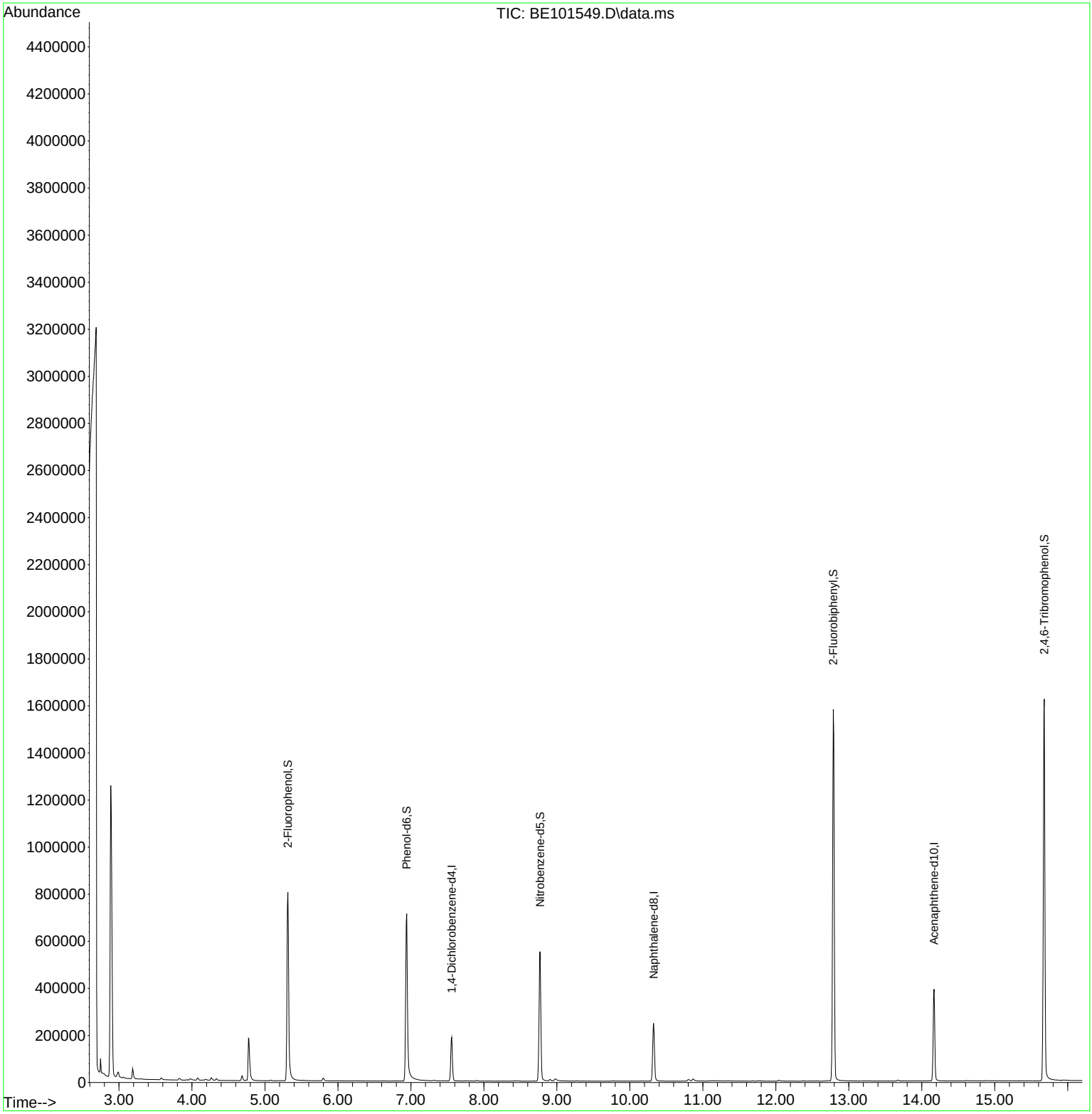

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
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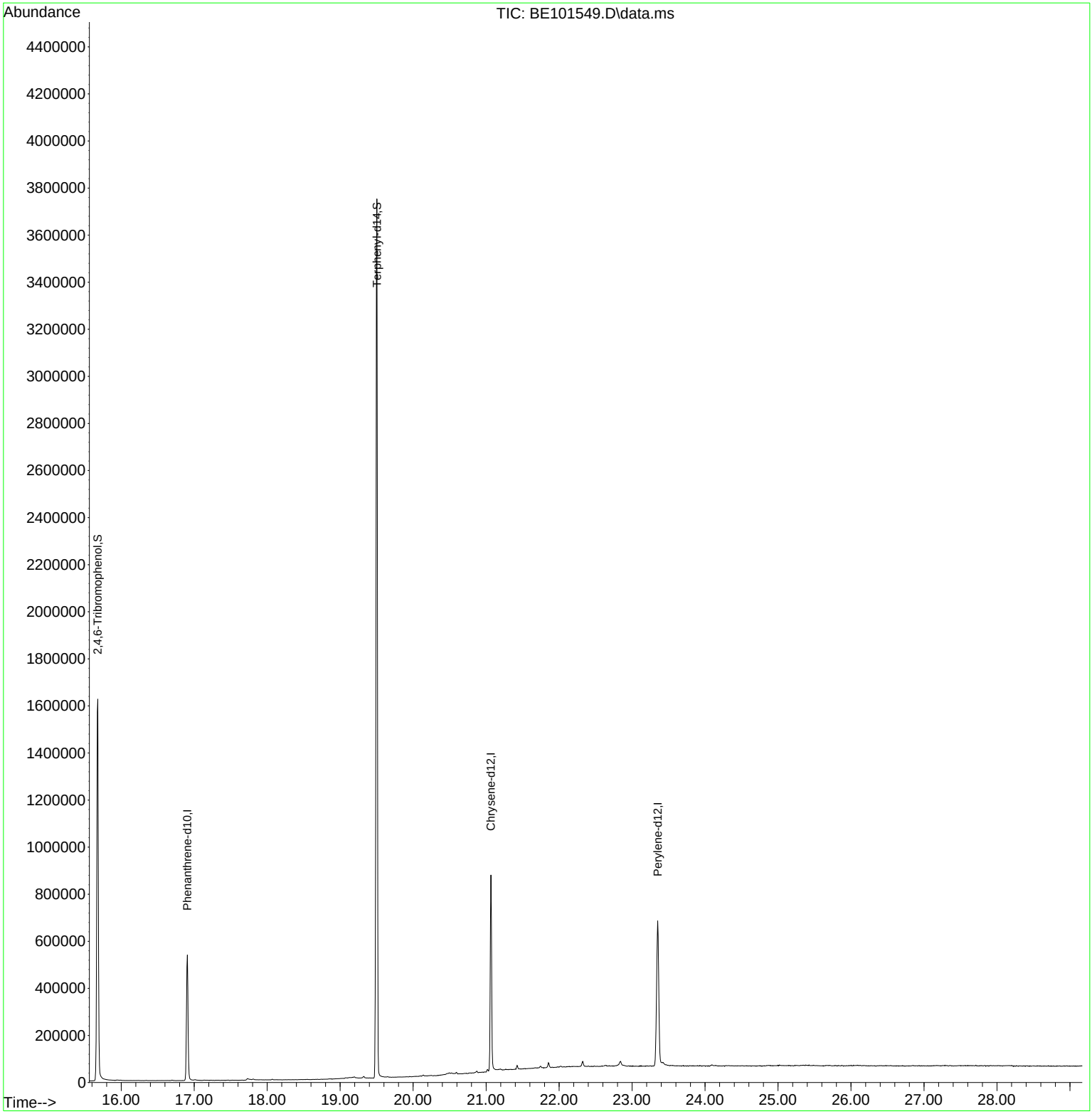
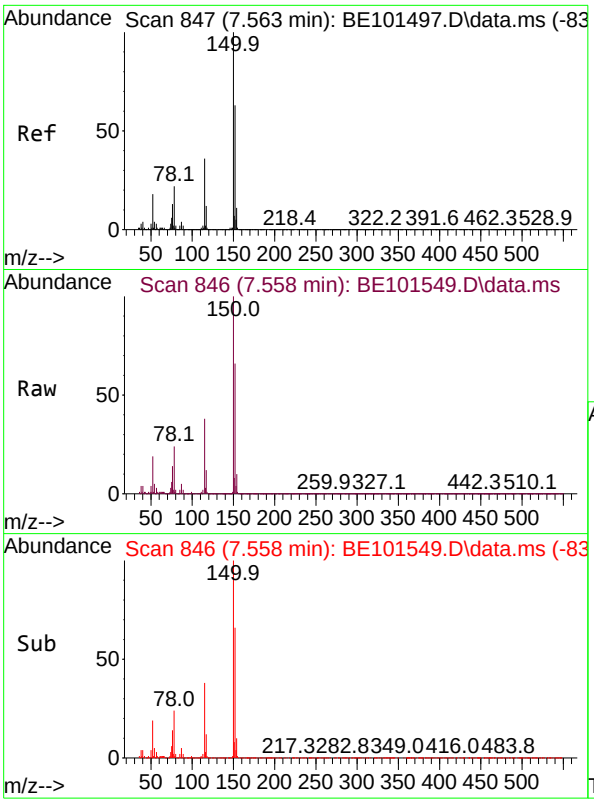


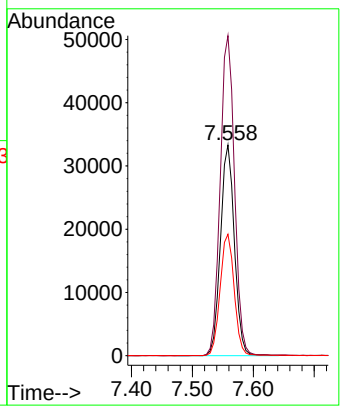


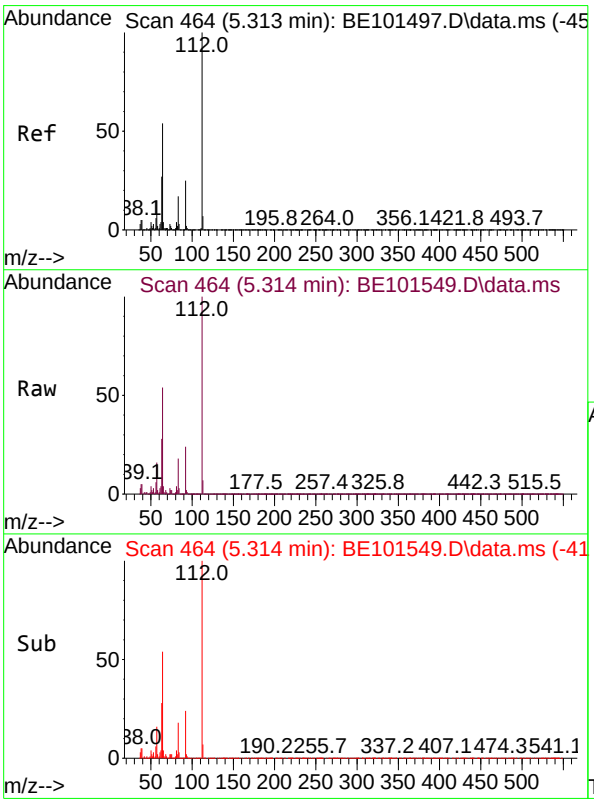
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.558 min Scan# 84
Delta R.T. -0.005 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Instrument :
BNA_E
ClientSampleId :
MH-8

Tgt Ion:152 Resp: 52937

Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.3	189.5
115	57.7	45.0	67.4

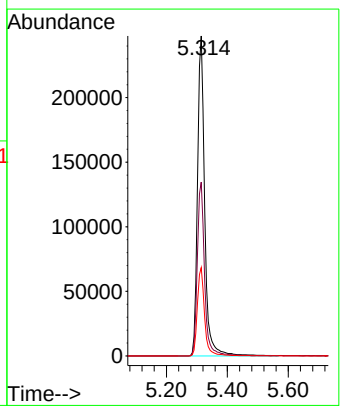


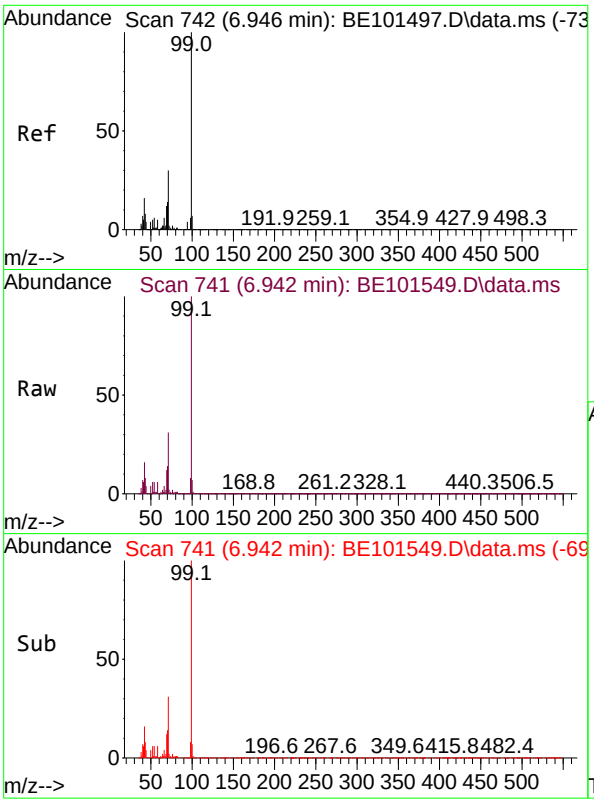


#5
2-Fluorophenol
Concen: 135.924 ng
RT: 5.314 min Scan# 464
Delta R.T. 0.001 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Tgt Ion:112 Resp: 406941

Ion	Ratio	Lower	Upper
112	100		
64	54.4	43.2	64.8
63	27.6	21.8	32.6



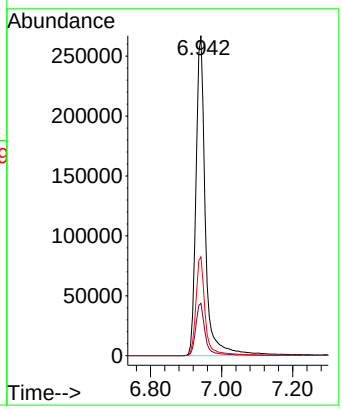


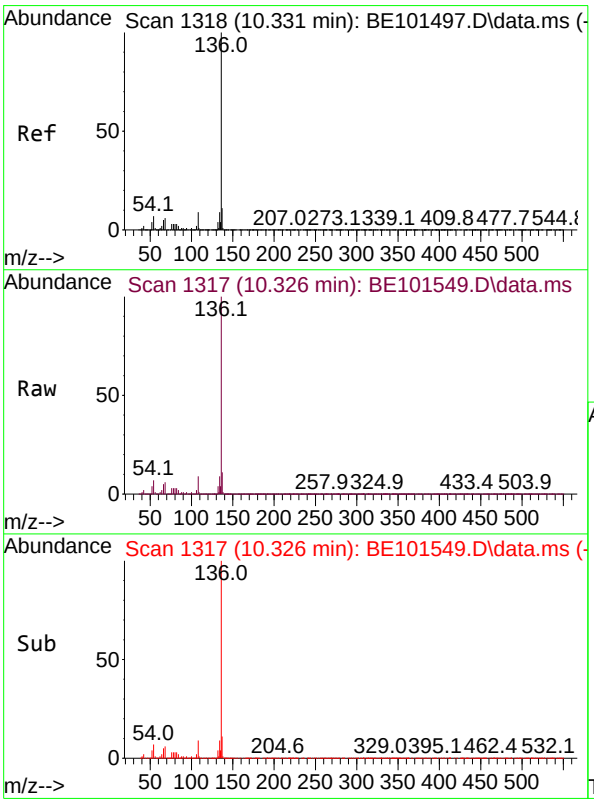
#7
Phenol-d6
Concen: 120.877 ng
RT: 6.942 min Scan# 7
Delta R.T. -0.005 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Instrument :
BNA_E
ClientSampleId :
MH-8

Tgt Ion: 99 Resp: 496179

Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.5	18.7
71	30.9	24.2	36.2

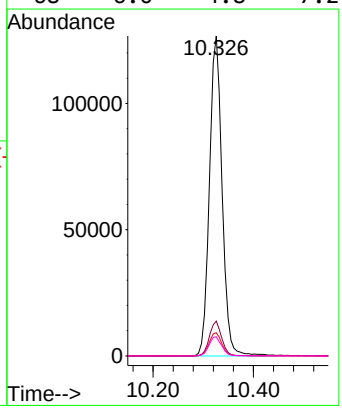


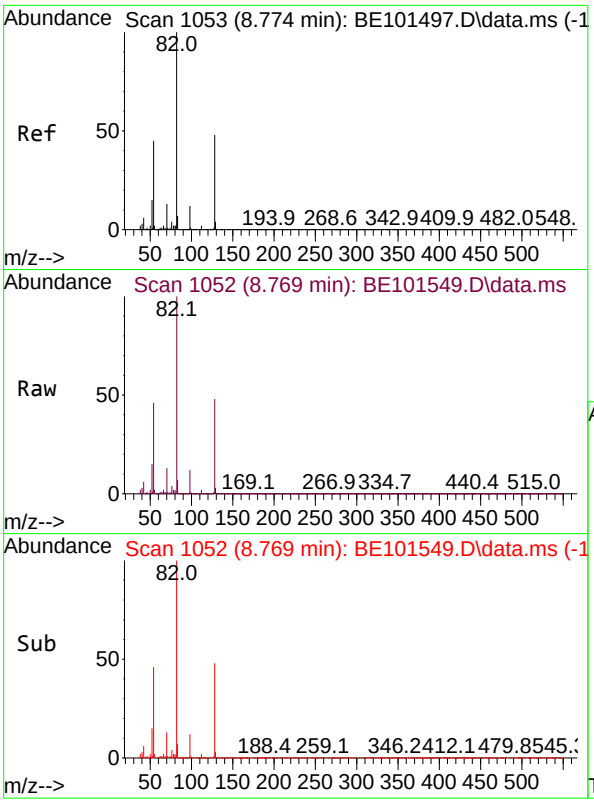


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.326 min Scan# 1317
Delta R.T. -0.005 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Tgt Ion:136 Resp: 221809

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.2	5.6	8.4
68	6.0	4.8	7.2



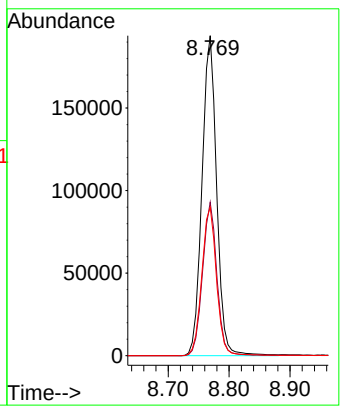


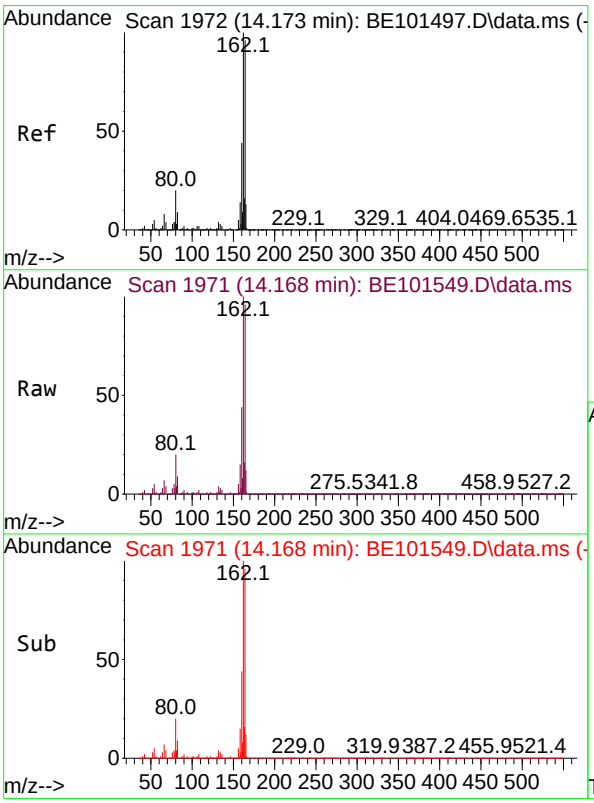
#23
Nitrobenzene-d5
Concen: 92.165 ng
RT: 8.769 min Scan# 1
Delta R.T. -0.005 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Instrument :
BNA_E
ClientSampleId :
MH-8

Tgt Ion: 82 Resp: 323645

Ion	Ratio	Lower	Upper
82	100		
128	47.9	38.6	58.0
54	46.4	36.3	54.5

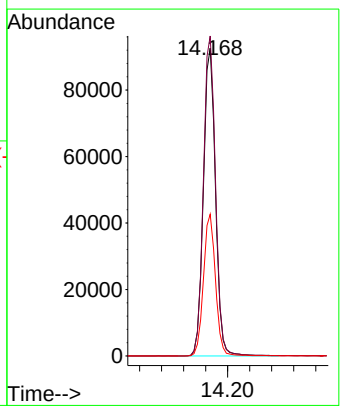


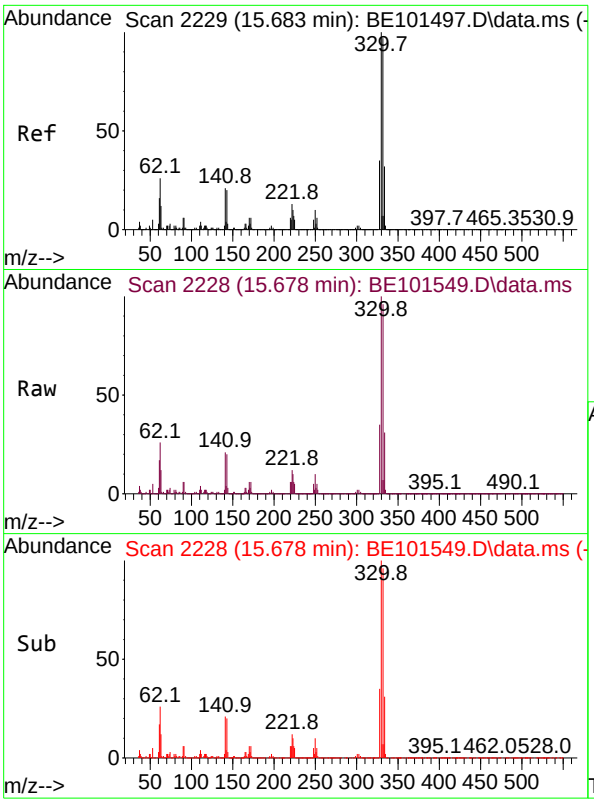


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Tgt Ion:164 Resp: 140890

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.7	125.5
160	46.1	37.1	55.7



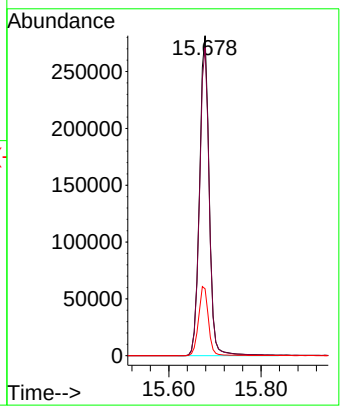


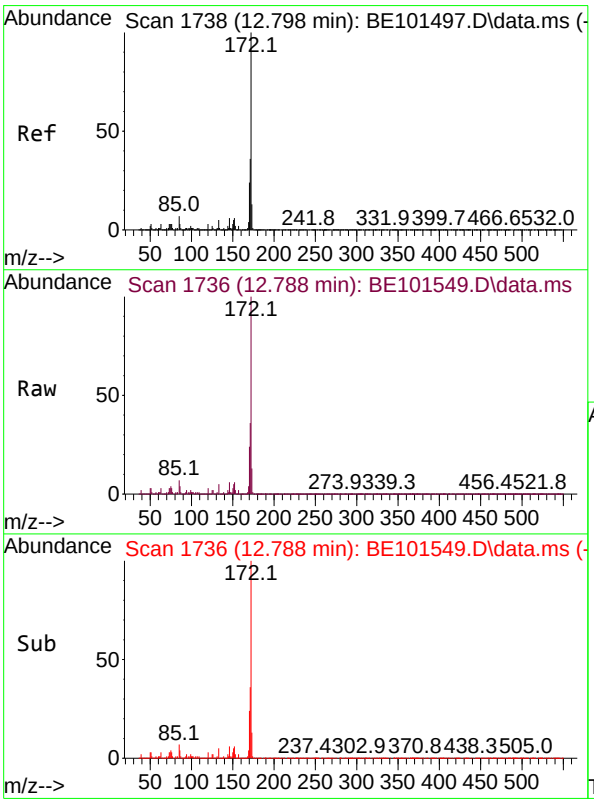
#42
2,4,6-Tribromophenol
Concen: 155.310 ng
RT: 15.678 min Scan# 2
Delta R.T. -0.005 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Instrument :
BNA_E
ClientSampleId :
MH-8

Tgt Ion:330 Resp: 411747

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.7	116.5
141	22.0	17.0	25.4

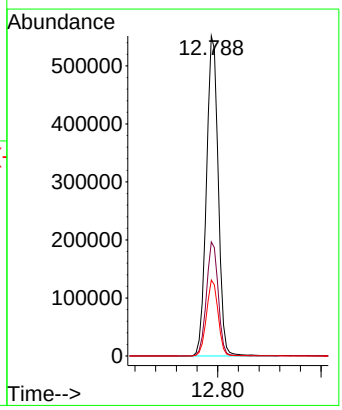


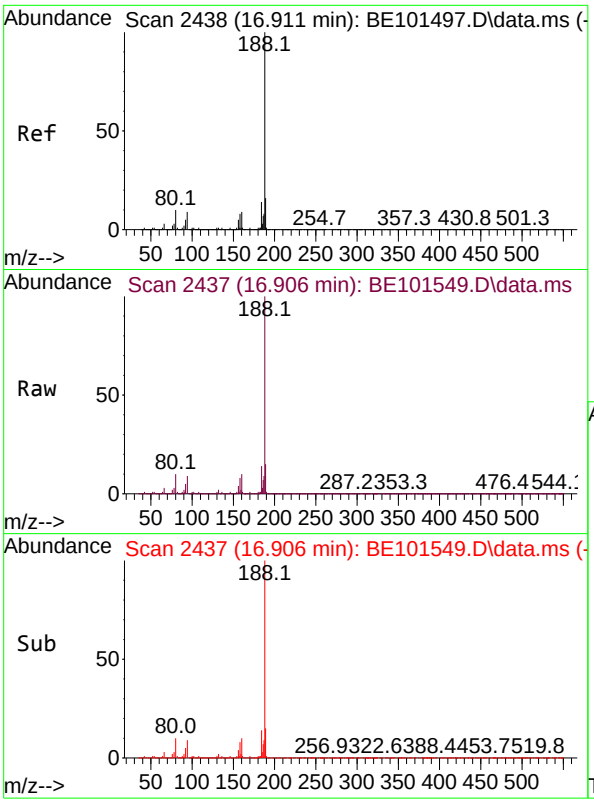


#45
2-Fluorobiphenyl
Concen: 101.084 ng
RT: 12.788 min Scan# 1736
Delta R.T. -0.011 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Tgt Ion:172 Resp: 872227

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.8	18.9	28.3



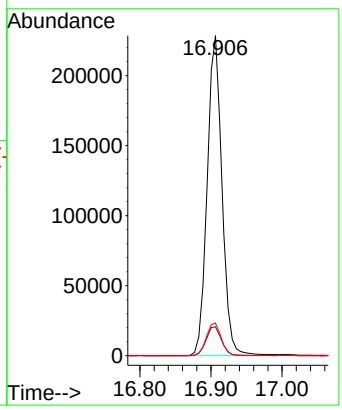


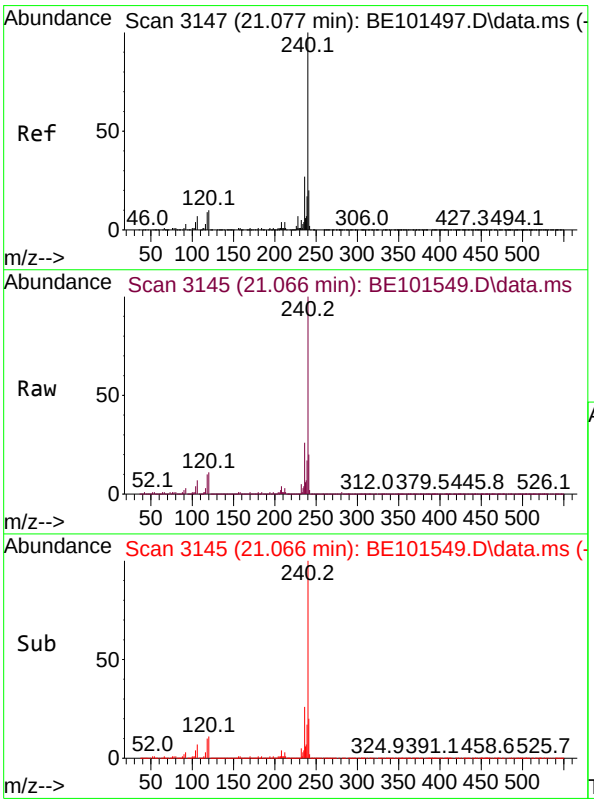
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.906 min Scan# 24
Delta R.T. -0.005 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Instrument :
BNA_E
ClientSampleId :
MH-8

Tgt Ion:188 Resp: 331523

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	10.2	8.0	12.0

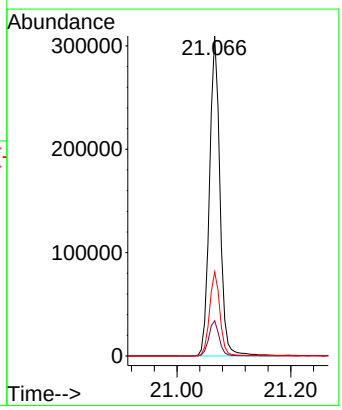


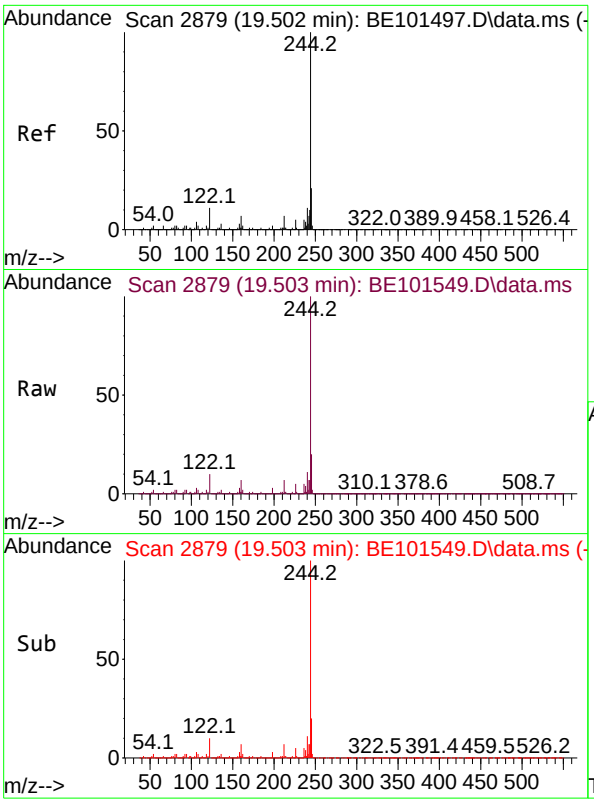


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.066 min Scan# 3145
Delta R.T. -0.011 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Tgt Ion:240 Resp: 393207

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.2	12.4
236	26.3	21.4	32.2



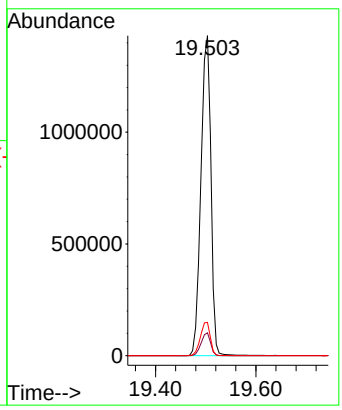


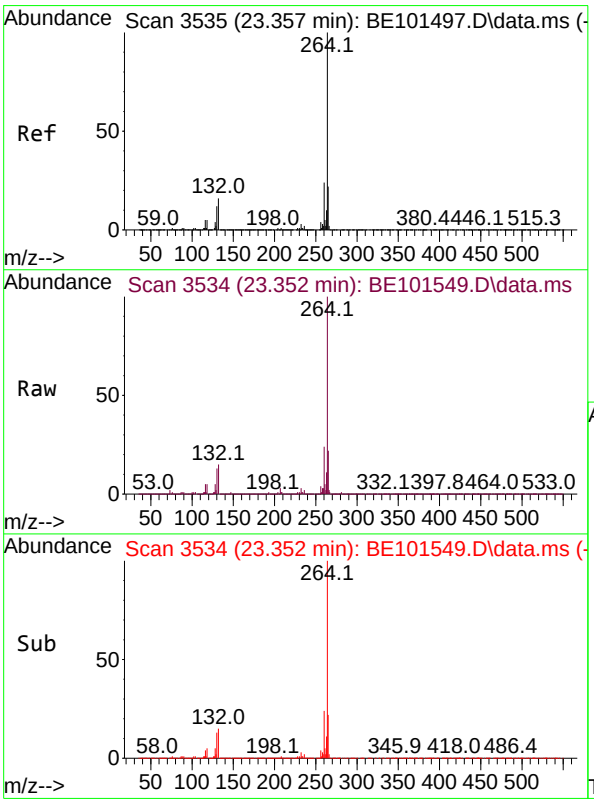
#79
Terphenyl-d14
Concen: 111.603 ng
RT: 19.503 min Scan# 2
Delta R.T. 0.001 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Instrument :
BNA_E
ClientSampleId :
MH-8

Tgt Ion:244 Resp: 1982468

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.4	8.4	12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.352 min Scan# 3534
Delta R.T. -0.005 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Tgt Ion:264 Resp: 509724

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.7	17.4	26.2